

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021665.D
 Acq On : 27 Mar 2025 14:38
 Operator : SY/MD
 Sample : VY0327SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Quant Time: Mar 28 03:58:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	225499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	359061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	318067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	161226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135992	55.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.320%	
35) Dibromofluoromethane	7.634	113	127437	54.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.109	98	494283	55.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.560%	
62) 4-Bromofluorobenzene	12.408	95	165918	55.358	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	46496	19.894	ug/l	94
3) Chloromethane	2.068	50	68873	20.956	ug/l	99
4) Vinyl Chloride	2.202	62	73917	19.888	ug/l	99
5) Bromomethane	2.592	94	53163	20.972	ug/l	99
6) Chloroethane	2.732	64	48046	19.755	ug/l	97
7) Trichlorofluoromethane	3.056	101	98319	20.650	ug/l	97
8) Diethyl Ether	3.452	74	26183	20.222	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	49298	19.632	ug/l	99
10) Methyl Iodide	4.007	142	48654	17.661	ug/l	98
11) Tert butyl alcohol	4.866	59	15405	97.074	ug/l	95
12) 1,1-Dichloroethene	3.793	96	46717	19.751	ug/l	95
13) Acrolein	3.647	56	28630	98.804	ug/l	100
14) Allyl chloride	4.379	41	76357	20.247	ug/l	99
15) Acrylonitrile	5.061	53	52880	97.814	ug/l	97
16) Acetone	3.866	43	52222	104.438	ug/l	97
17) Carbon Disulfide	4.104	76	157214	20.180	ug/l	98
18) Methyl Acetate	4.385	43	23292	18.795	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	116890	19.850	ug/l	98
20) Methylene Chloride	4.610	84	59297	22.074	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	52608	20.201	ug/l	95
22) Diisopropyl ether	6.025	45	162258	20.510	ug/l	98
23) Vinyl Acetate	5.957	43	464610	100.391	ug/l	98
24) 1,1-Dichloroethane	5.909	63	95366	20.160	ug/l	99
25) 2-Butanone	6.896	43	71284	99.810	ug/l	97
26) 2,2-Dichloropropane	6.884	77	84137	19.995	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	60350	20.607	ug/l	97
28) Bromochloromethane	7.244	49	41129	20.616	ug/l	99
29) Tetrahydrofuran	7.262	42	44673	97.189	ug/l	99
30) Chloroform	7.421	83	97757	19.869	ug/l	97
31) Cyclohexane	7.701	56	84159	19.517	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	89462	20.118	ug/l	100
36) 1,1-Dichloropropene	7.835	75	69993	19.729	ug/l	99
37) Ethyl Acetate	6.988	43	31556	18.847	ug/l	97
38) Carbon Tetrachloride	7.817	117	79673	19.608	ug/l	98
39) Methylcyclohexane	9.109	83	81627	19.260	ug/l	96
40) Benzene	8.079	78	213511	20.096	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	18602	20.921	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	59443	19.846	ug/l	99
43) Isopropyl Acetate	8.195	43	60904	19.195	ug/l	99
44) Trichloroethene	8.866	130	54497	20.132	ug/l	96
45) 1,2-Dichloropropane	9.146	63	50086	19.916	ug/l	96
46) Dibromomethane	9.231	93	29469	20.332	ug/l	95
47) Bromodichloromethane	9.420	83	74449	19.823	ug/l	98
48) Methyl methacrylate	9.219	41	27879	19.144	ug/l	98
49) 1,4-Dioxane	9.231	88	6147	395.902	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	161334	97.708	ug/l	98
52) Toluene	10.170	92	134713	20.323	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	65775	19.718	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	77477	19.687	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	36938	19.804	ug/l	96
56) Ethyl methacrylate	10.438	69	46703	19.610	ug/l	99
57) 1,3-Dichloropropane	10.719	76	64135	19.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	113883	98.020	ug/l	99
59) 2-Hexanone	10.762	43	105989	96.383	ug/l	99
60) Dibromochloromethane	10.914	129	49804	19.557	ug/l	97
61) 1,2-Dibromoethane	11.018	107	34437	19.682	ug/l	97
64) Tetrachloroethene	10.646	164	56373	19.460	ug/l	99
65) Chlorobenzene	11.444	112	145303	19.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	51197	19.791	ug/l	99
67) Ethyl Benzene	11.517	91	247158	19.768	ug/l	99
68) m/p-Xylenes	11.627	106	191308	39.959	ug/l	100
69) o-Xylene	11.956	106	88940	20.125	ug/l	99
70) Styrene	11.969	104	146559	19.890	ug/l	99
71) Bromoform	12.133	173	29348	19.889	ug/l #	98
73) Isopropylbenzene	12.255	105	231957	19.370	ug/l	100
74) N-amyl acetate	12.072	43	52702	18.753	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	40161	18.654	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	55125	34.493	ug/l #	100
77) Bromobenzene	12.536	156	55705	19.375	ug/l	99
78) n-propylbenzene	12.597	91	283866	19.718	ug/l	99
79) 2-Chlorotoluene	12.682	91	164322	19.651	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	192925	19.712	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12529	18.064	ug/l	94
82) 4-Chlorotoluene	12.779	91	170770	19.589	ug/l	98
83) tert-Butylbenzene	12.999	119	167601	19.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	194718	20.130	ug/l	100
85) sec-Butylbenzene	13.176	105	250102	19.632	ug/l	99
86) p-Isopropyltoluene	13.292	119	207156	19.675	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	111179	19.627	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	109917	19.640	ug/l	98
89) n-Butylbenzene	13.621	91	189738	19.485	ug/l	100
90) Hexachloroethane	13.883	117	43757	18.964	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	96893	19.649	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6312	18.916	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	52410	19.599	ug/l	100
94) Hexachlorobutadiene	15.029	225	32946	19.727	ug/l	98
95) Naphthalene	15.145	128	83288	18.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	44118	19.347	ug/l	99

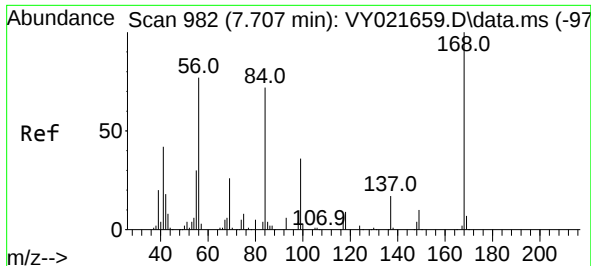
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QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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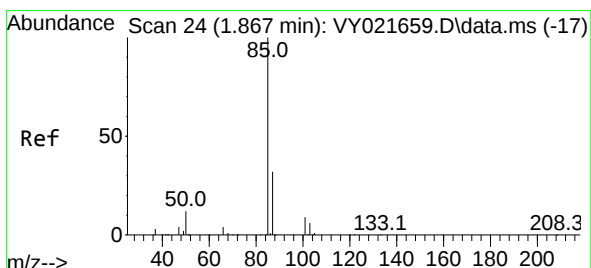
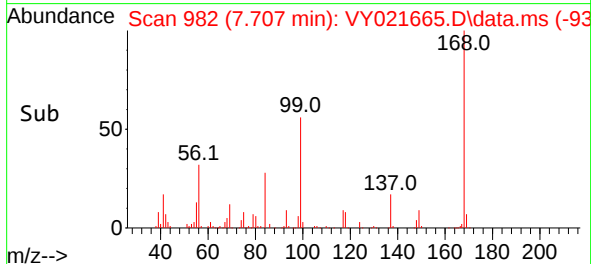
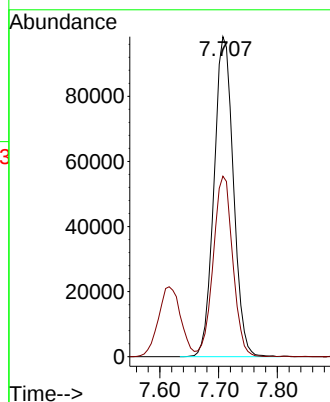
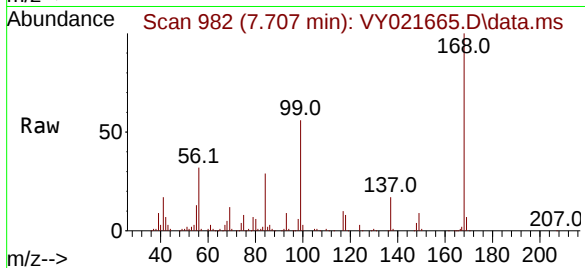
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

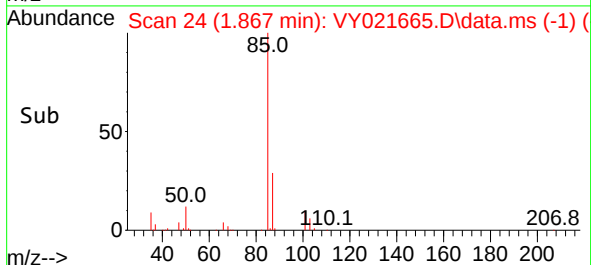
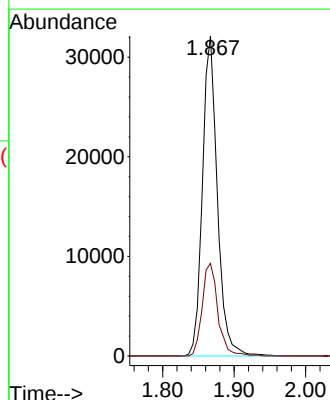
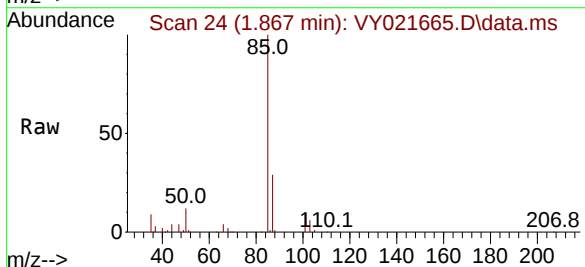
Instrument :
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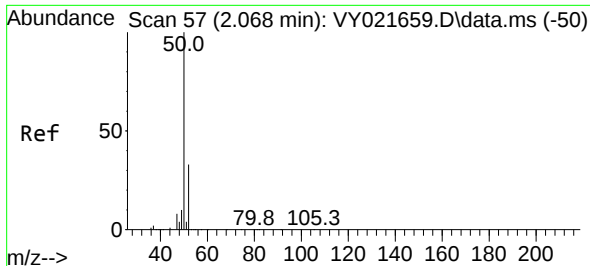
Tgt Ion:168 Resp: 225499
Ion Ratio Lower Upper
168 100
99 56.3 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 19.894 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 85 Resp: 46496
Ion Ratio Lower Upper
85 100
87 29.0 16.2 48.6

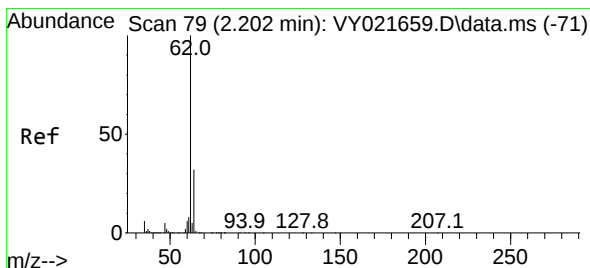
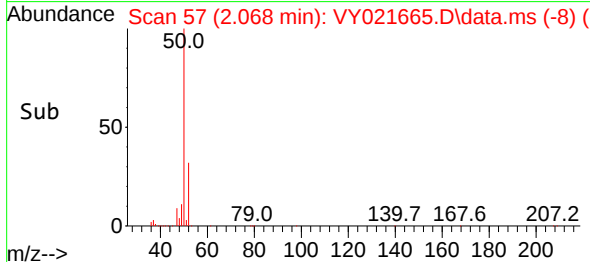
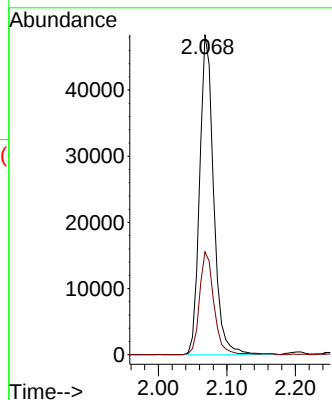
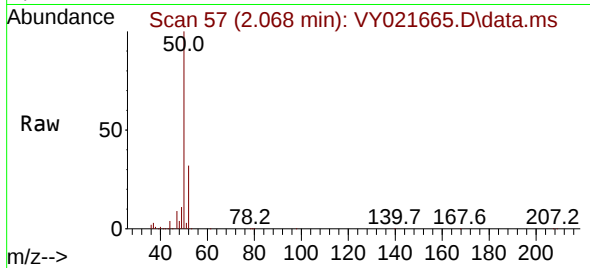




#3
Chloromethane
Concen: 20.956 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

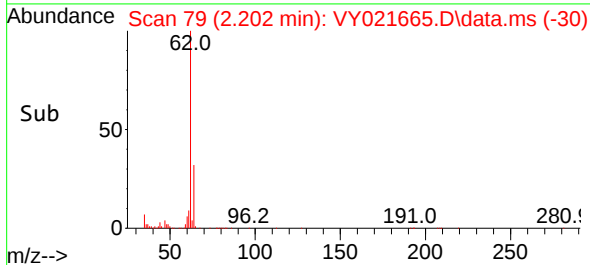
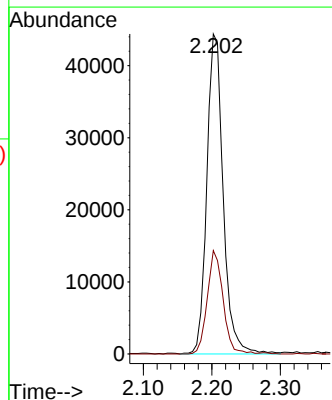
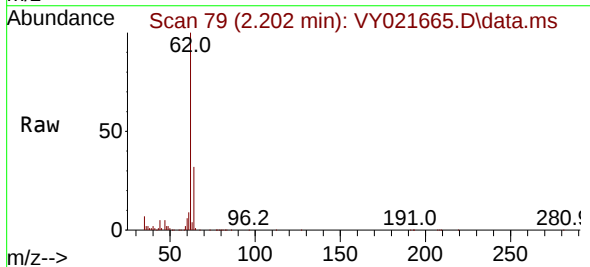
Instrument :
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ClientSampleId :
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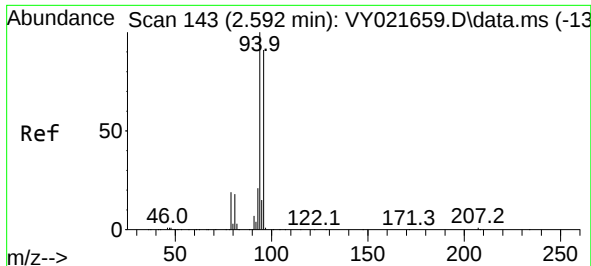
Tgt Ion: 50 Resp: 68873
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5



#4
Vinyl Chloride
Concen: 19.888 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 62 Resp: 73917
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3

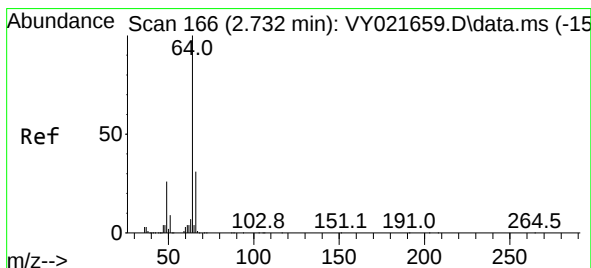
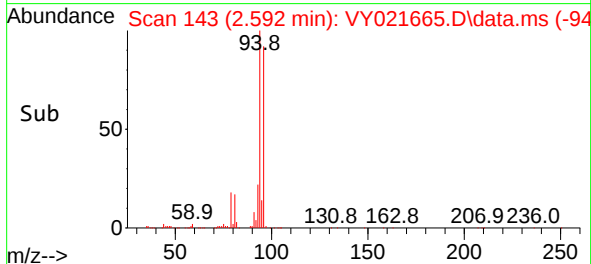
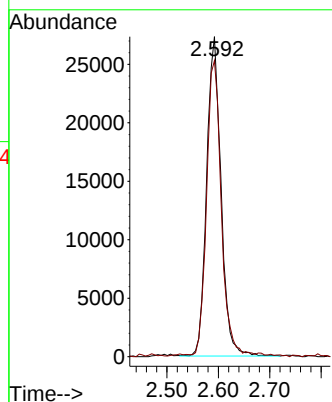
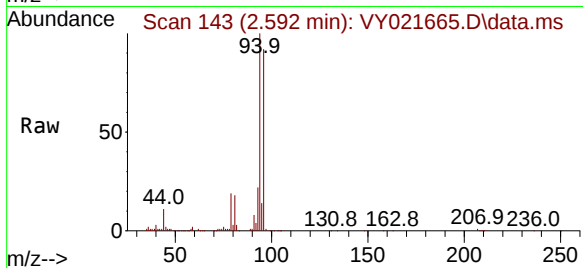




#5
Bromomethane
Concen: 20.972 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

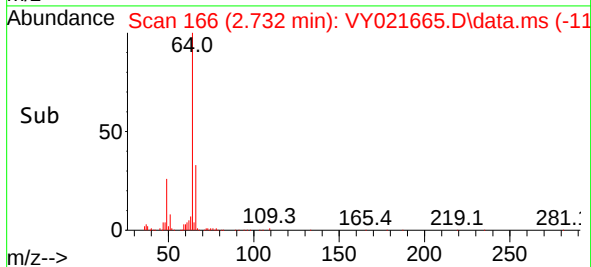
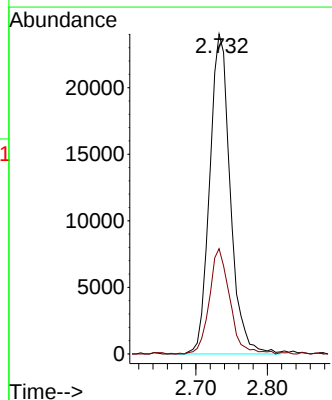
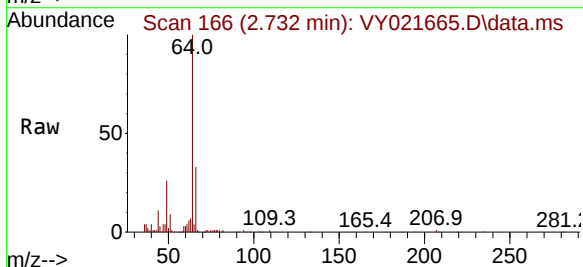
Instrument :
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Tgt Ion: 94 Resp: 53163
Ion Ratio Lower Upper
94 100
96 92.1 72.8 109.2



#6
Chloroethane
Concen: 19.755 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 64 Resp: 48046
Ion Ratio Lower Upper
64 100
66 32.7 24.9 37.3

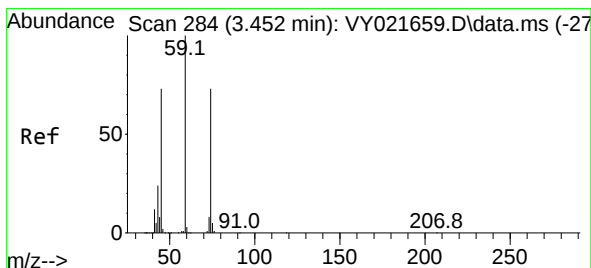
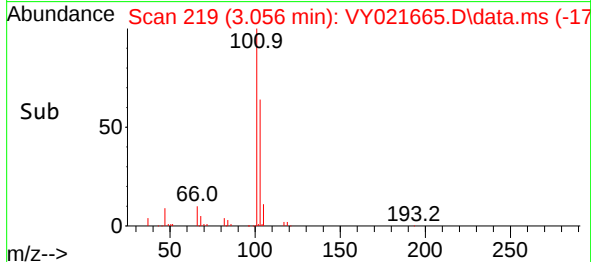
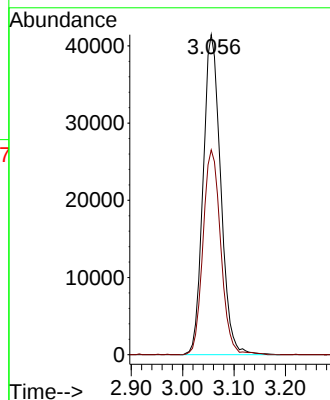
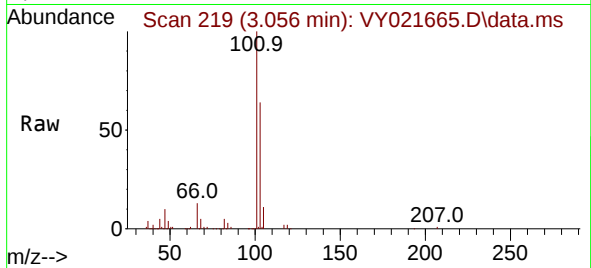




#7
 Trichlorofluoromethane
 Concen: 20.650 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021665.D
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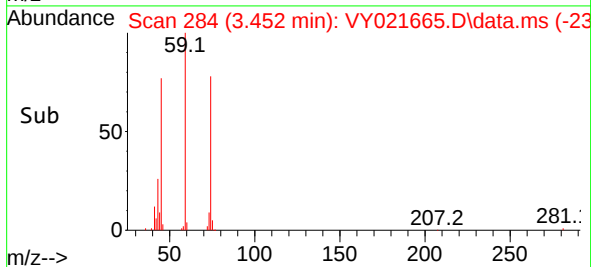
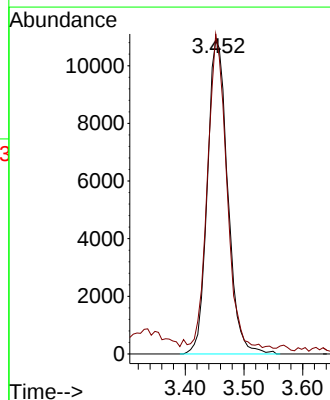
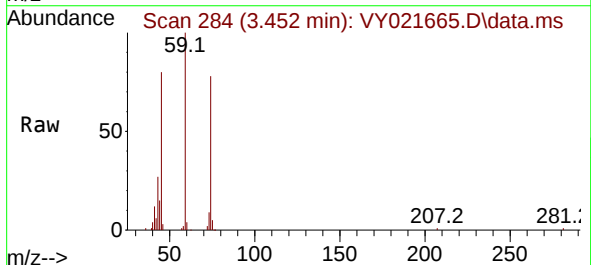
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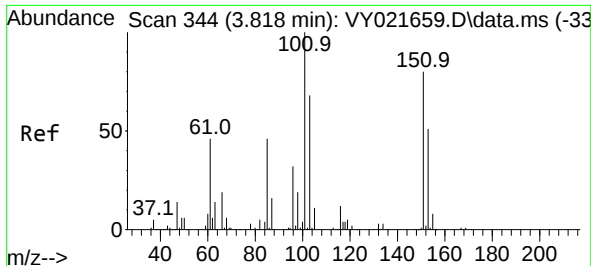
Tgt Ion:101 Resp: 98319
 Ion Ratio Lower Upper
 101 100
 103 64.0 53.1 79.7



#8
 Diethyl Ether
 Concen: 20.222 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021665.D
 Acq: 27 Mar 2025 14:38

Tgt Ion: 74 Resp: 26183
 Ion Ratio Lower Upper
 74 100
 45 94.1 48.6 145.8

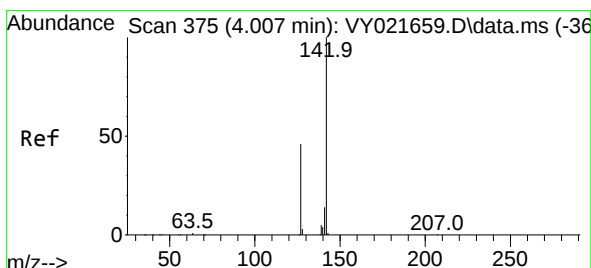
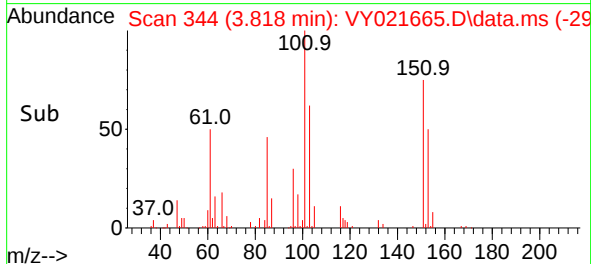
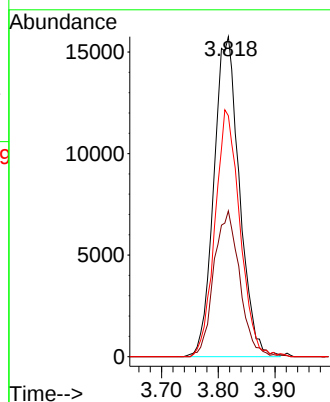
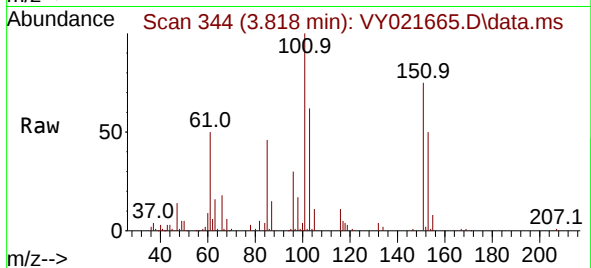




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.632 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021665.D
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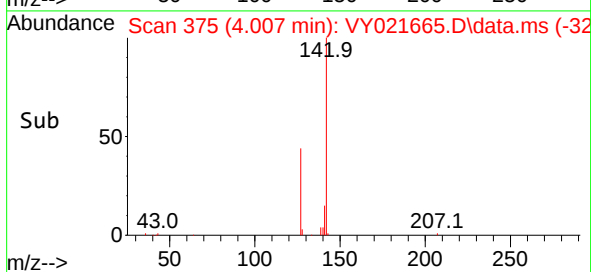
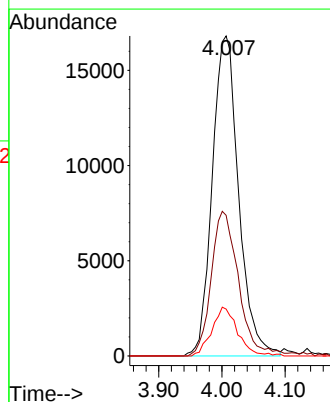
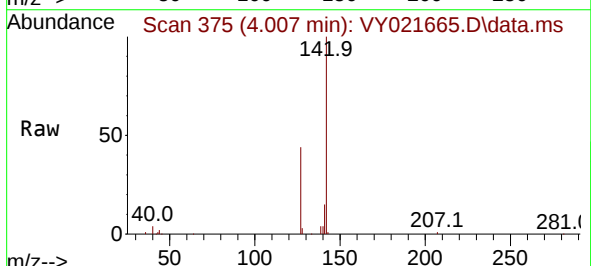
Instrument :
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Tgt Ion:101 Resp: 49298
Ion Ratio Lower Upper
101 100
85 46.1 36.3 54.5
151 75.5 61.3 91.9



#10
Methyl Iodide
Concen: 17.661 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion:142 Resp: 48654
Ion Ratio Lower Upper
142 100
127 46.7 38.7 58.1
141 15.0 11.5 17.3

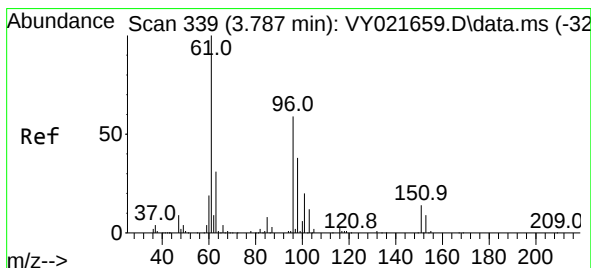
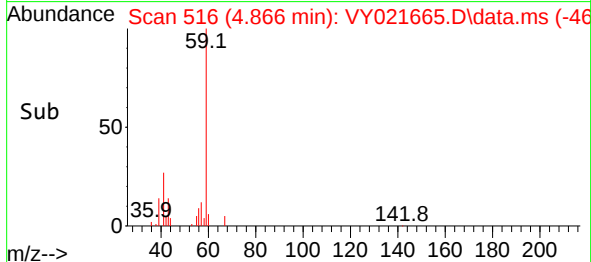
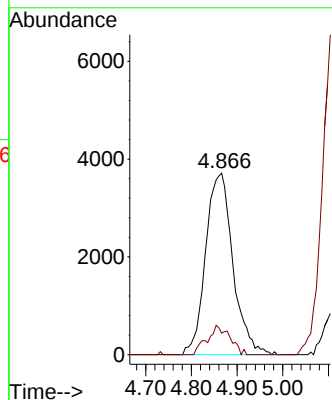
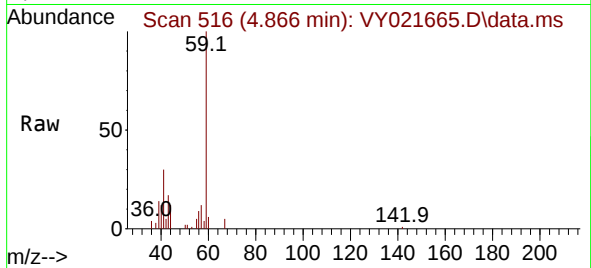




#11
Tert butyl alcohol
Concen: 97.074 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

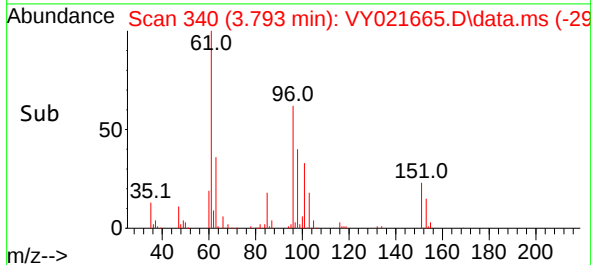
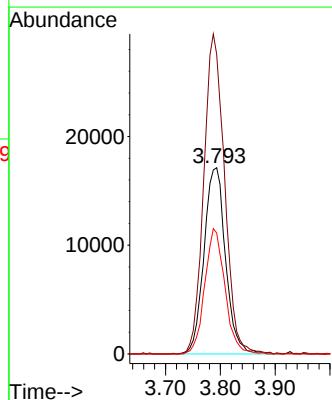
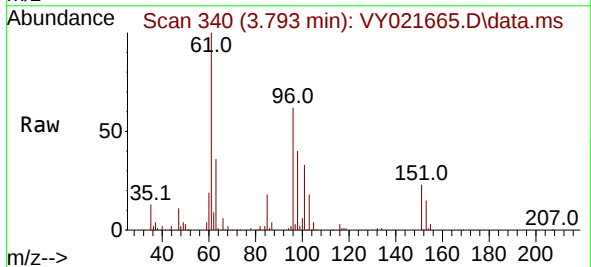
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

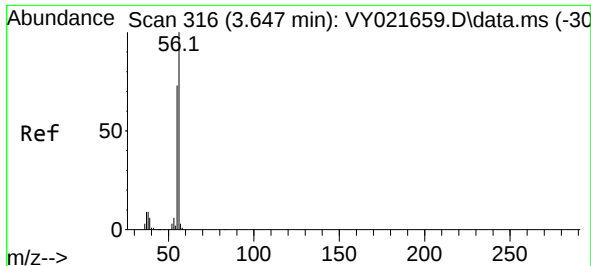
Tgt Ion: 59 Resp: 15405
Ion Ratio Lower Upper
59 100
57 13.4 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.751 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 96 Resp: 46717
Ion Ratio Lower Upper
96 100
61 160.6 136.6 204.8
98 64.9 52.3 78.5





#13

Acrolein

Concen: 98.804 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

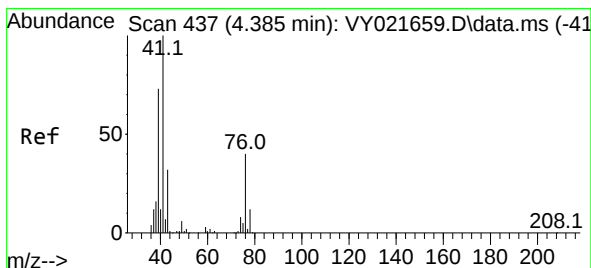
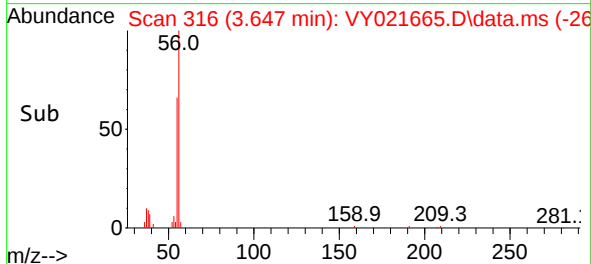
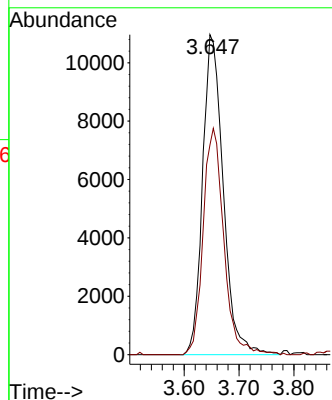
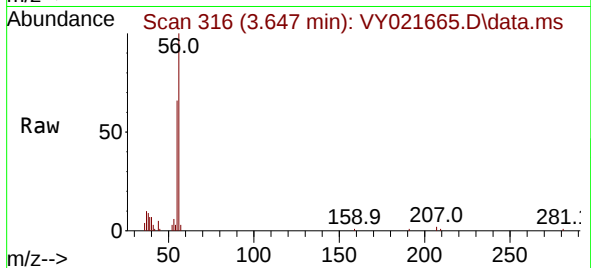
VY0327SBS01

Tgt Ion: 56 Resp: 28630

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



#14

Allyl chloride

Concen: 20.247 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

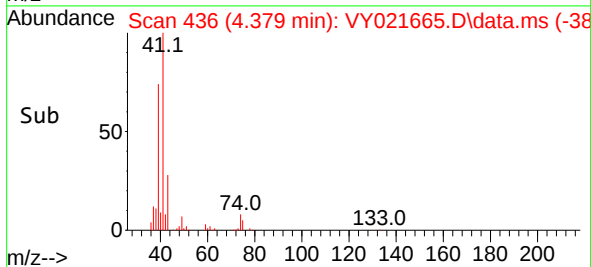
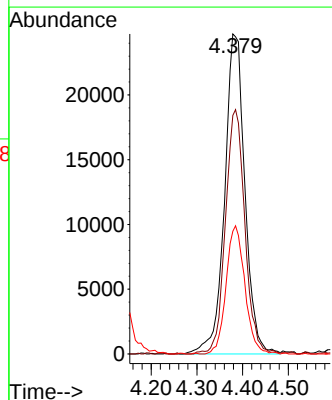
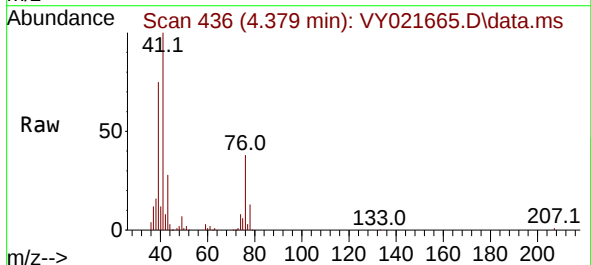
Tgt Ion: 41 Resp: 76357

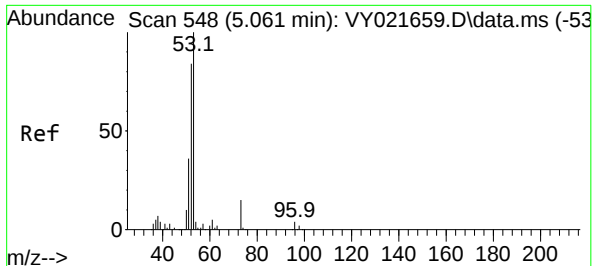
Ion Ratio Lower Upper

41 100

39 73.1 58.6 88.0

76 37.1 30.3 45.5

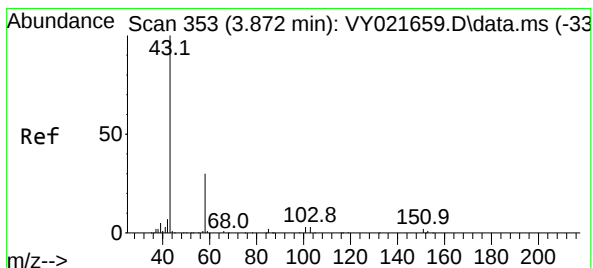
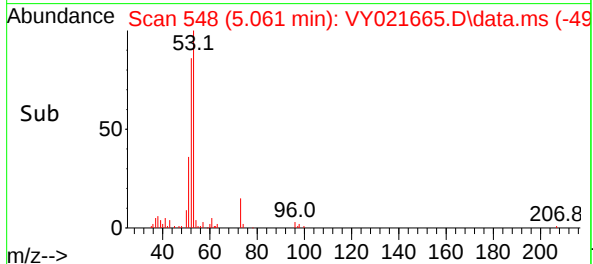
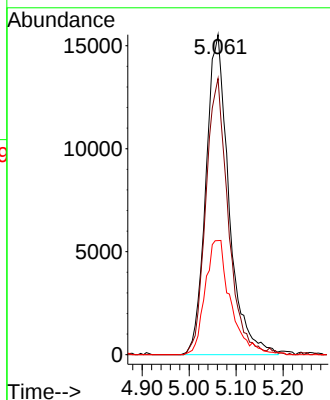
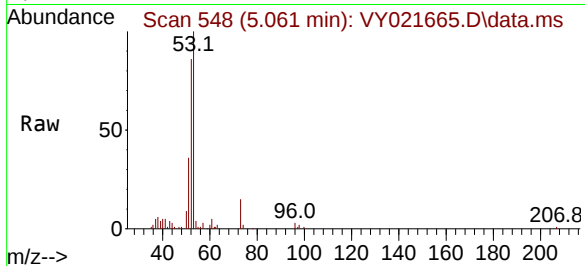




#15
Acrylonitrile
Concen: 97.814 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

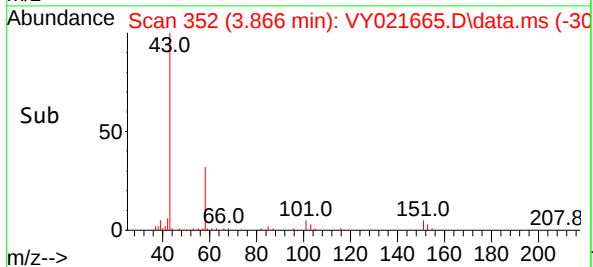
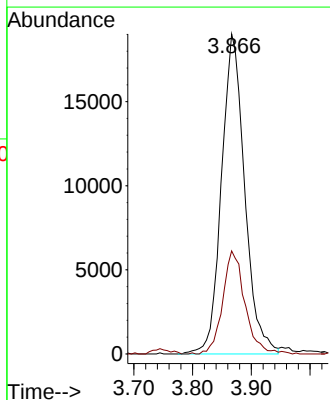
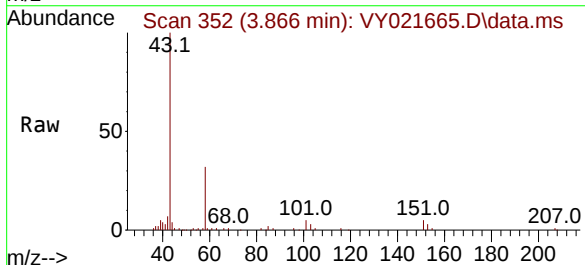
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

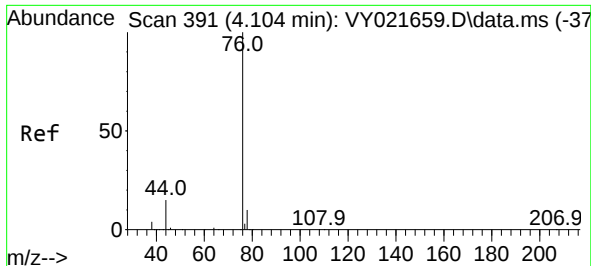
Tgt Ion: 53 Resp: 52880
Ion Ratio Lower Upper
53 100
52 83.8 64.9 97.3
51 39.6 30.2 45.2



#16
Acetone
Concen: 104.438 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 43 Resp: 52222
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.4

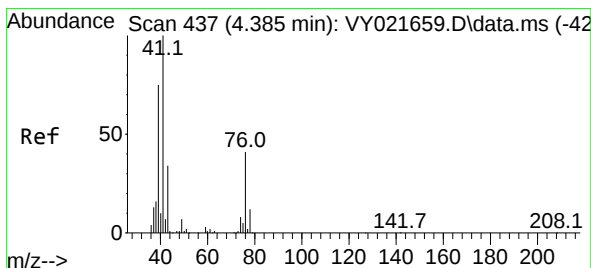
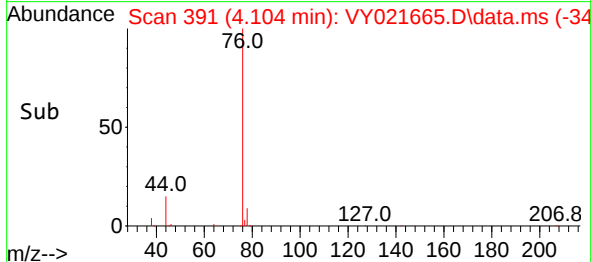
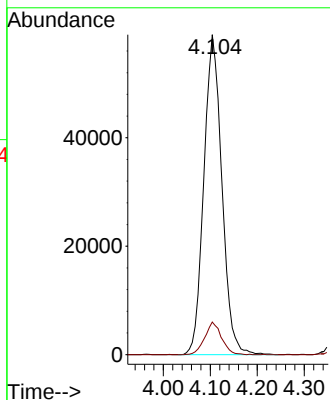
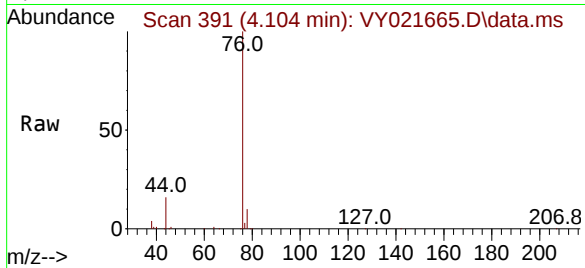




#17
Carbon Disulfide
Concen: 20.180 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

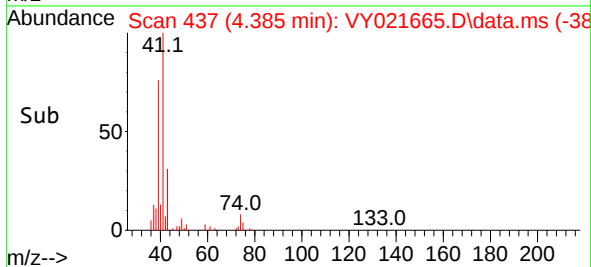
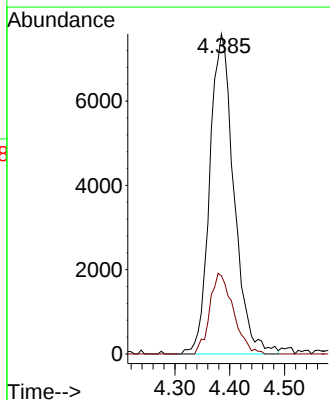
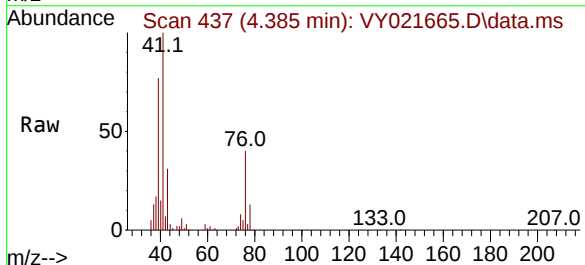
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion: 76 Resp: 157214
Ion Ratio Lower Upper
76 100
78 10.2 7.6 11.4



#18
Methyl Acetate
Concen: 18.795 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 43 Resp: 23292
Ion Ratio Lower Upper
43 100
74 24.5 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.850 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

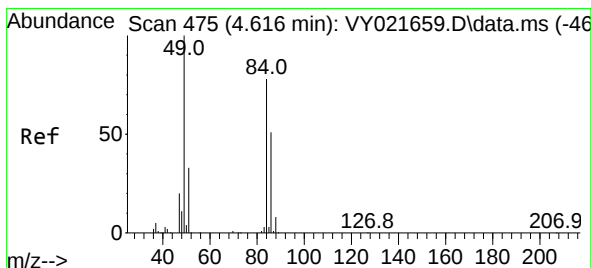
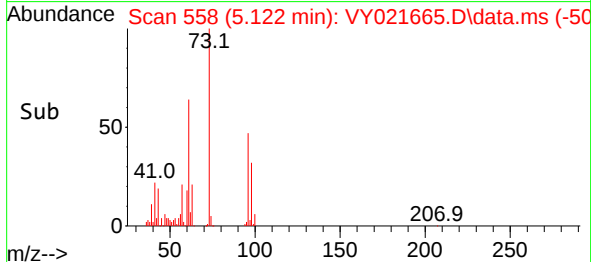
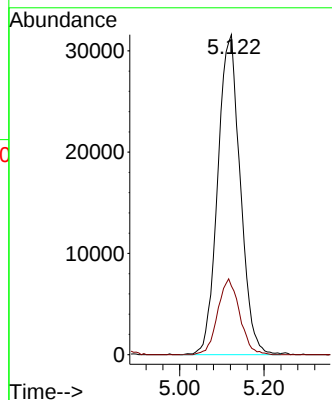
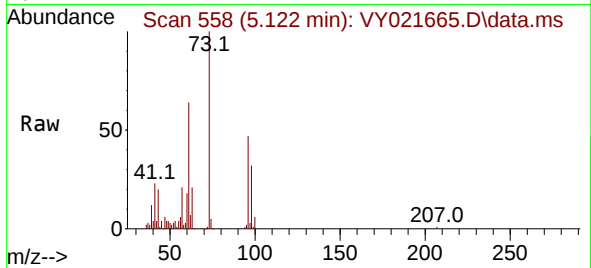
VY0327SBS01

Tgt Ion: 73 Resp: 116890

Ion Ratio Lower Upper

73 100

57 21.5 18.1 27.1



#20

Methylene Chloride

Concen: 22.074 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Tgt Ion: 84 Resp: 59297

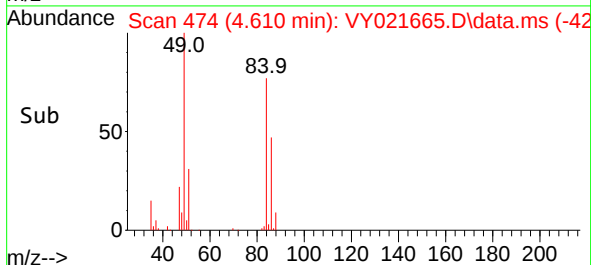
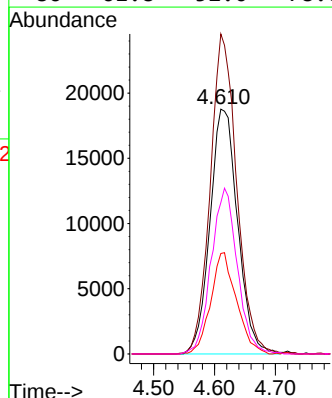
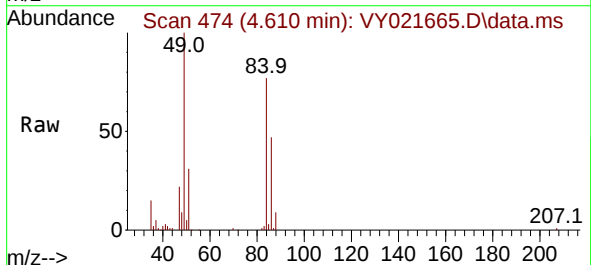
Ion Ratio Lower Upper

84 100

49 130.3 102.8 154.2

51 41.0 33.5 50.3

86 61.8 52.0 78.0

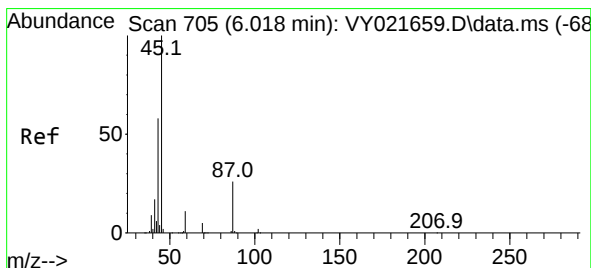
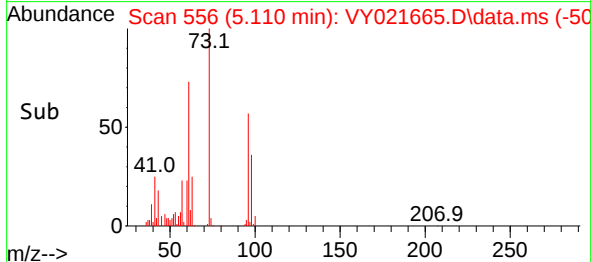
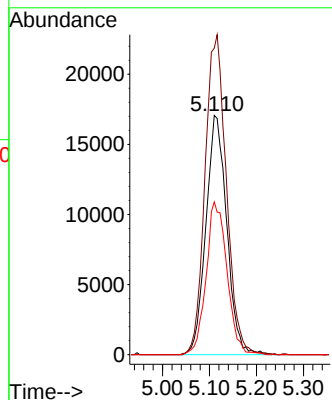
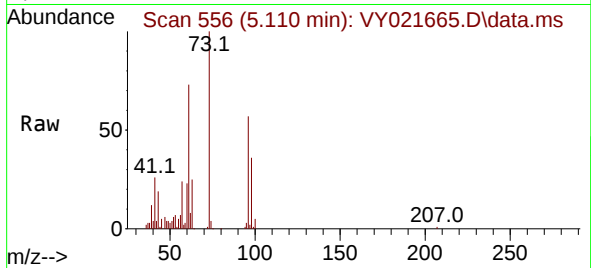




#21
trans-1,2-Dichloroethene
Concen: 20.201 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

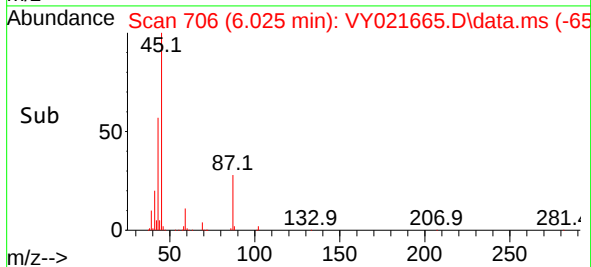
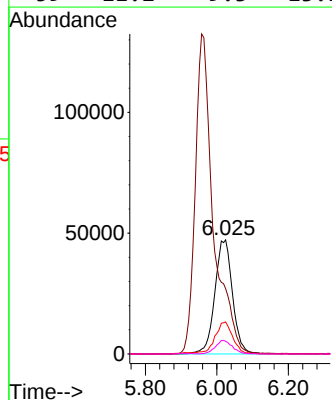
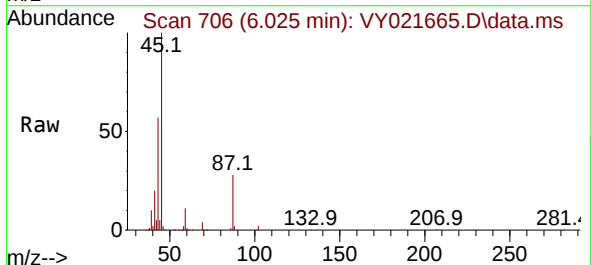
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

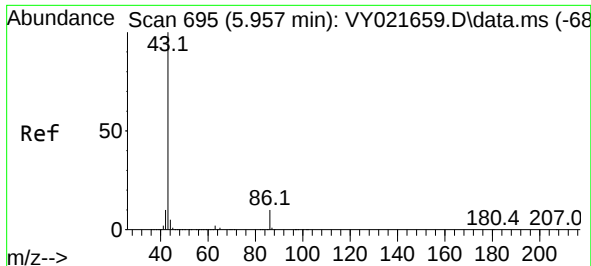
Tgt Ion: 96 Resp: 52608
Ion Ratio Lower Upper
96 100
61 128.1 109.4 164.0
98 63.8 50.2 75.2



#22
Diisopropyl ether
Concen: 20.510 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 45 Resp: 162258
Ion Ratio Lower Upper
45 100
43 56.8 46.6 69.8
87 28.1 20.7 31.1
59 11.2 9.3 13.9

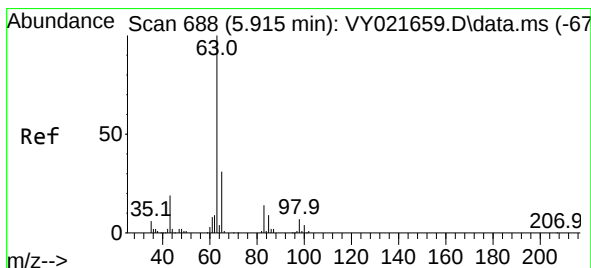
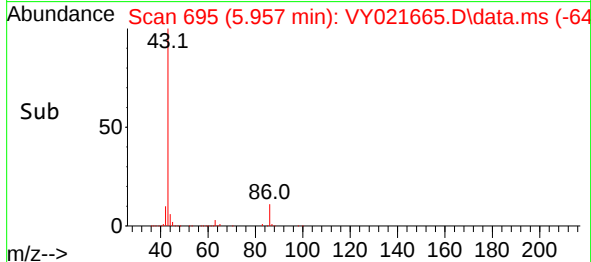
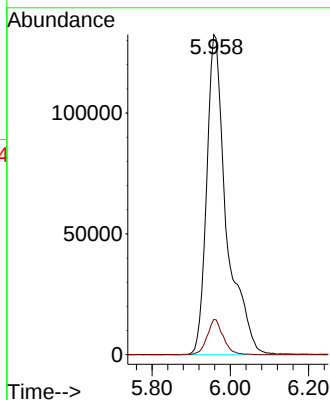
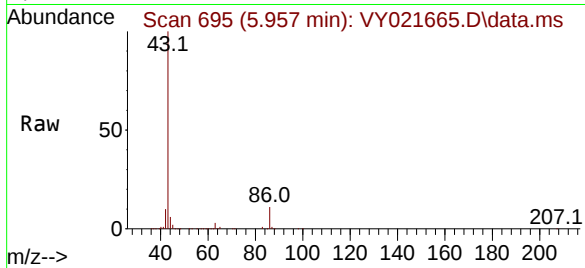




#23
 Vinyl Acetate
 Concen: 100.391 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021665.D
 Acq: 27 Mar 2025 14:38

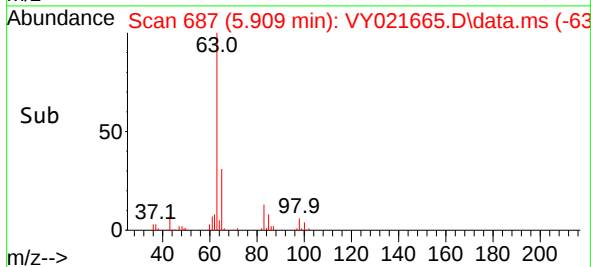
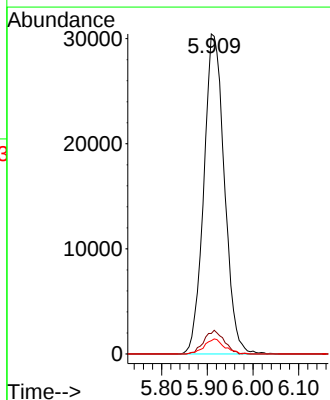
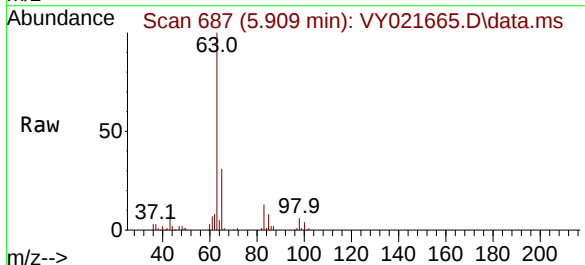
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

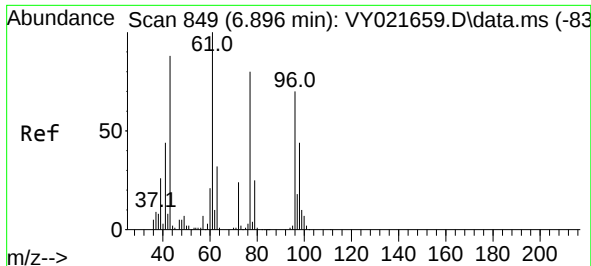
Tgt Ion: 43 Resp: 464610
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.160 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021665.D
 Acq: 27 Mar 2025 14:38

Tgt Ion: 63 Resp: 95366
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.1 2.2 6.6

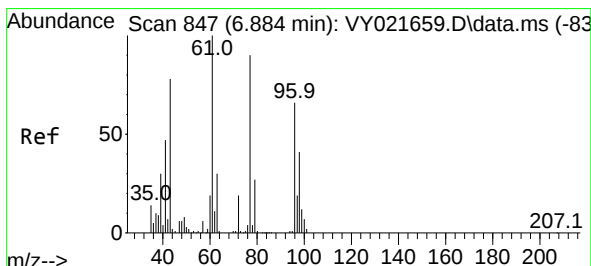
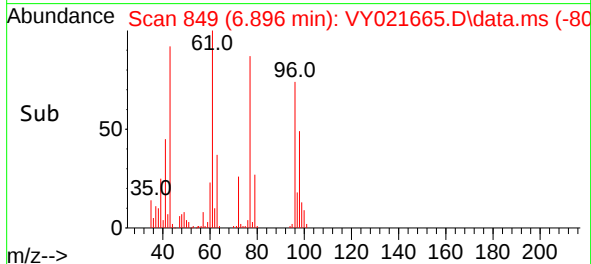
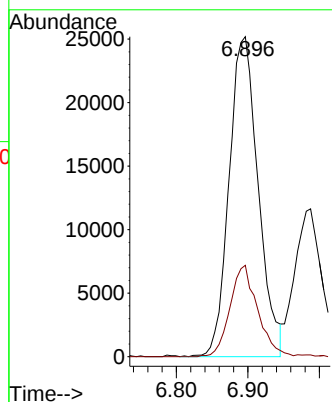
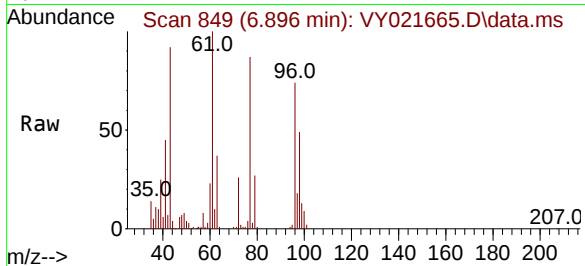




#25
2-Butanone
Concen: 99.810 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

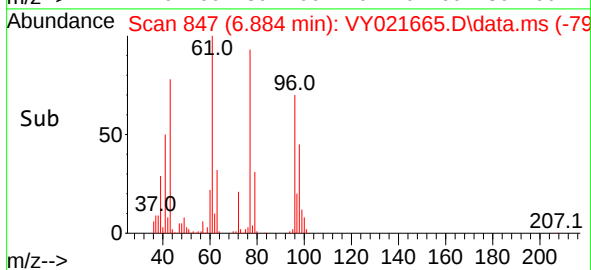
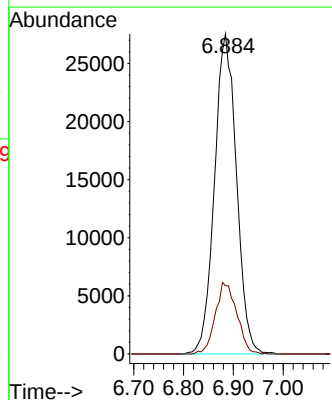
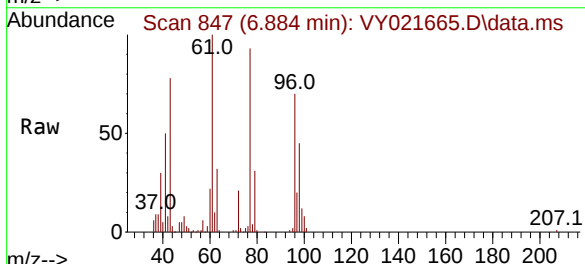
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion: 43 Resp: 71284
Ion Ratio Lower Upper
43 100
72 28.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.995 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 77 Resp: 84137
Ion Ratio Lower Upper
77 100
97 21.8 11.1 33.1

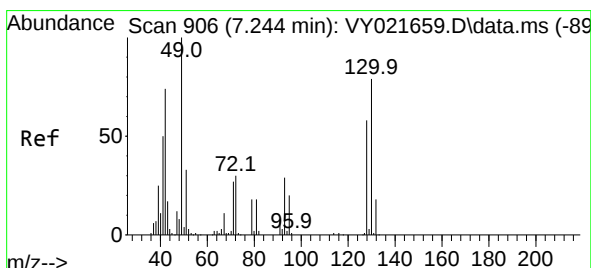
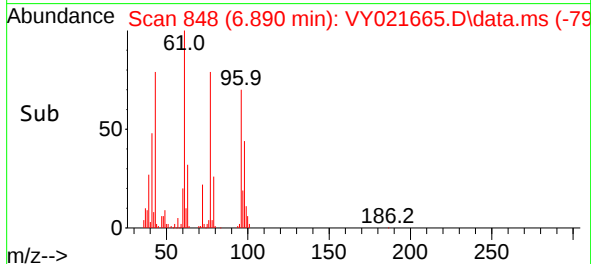
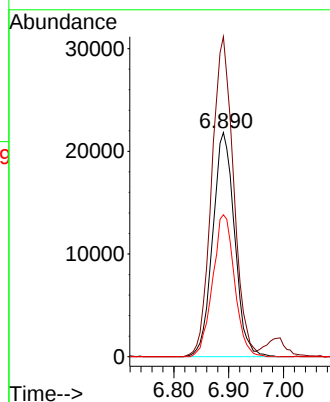
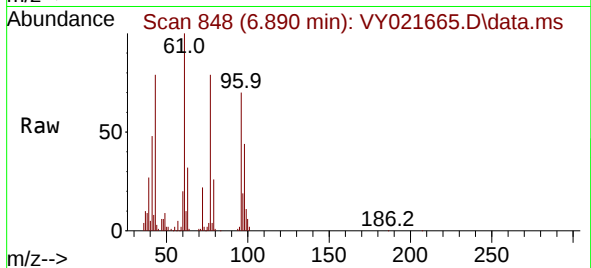




#27
 cis-1,2-Dichloroethene
 Concen: 20.607 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021665.D
 Acq: 27 Mar 2025 14:38

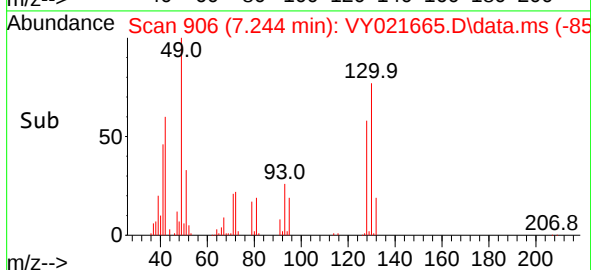
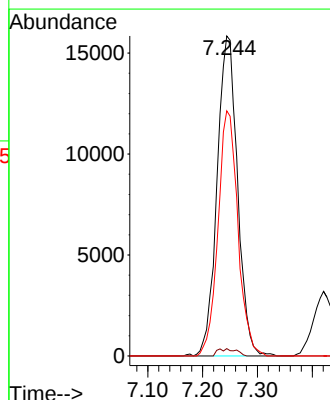
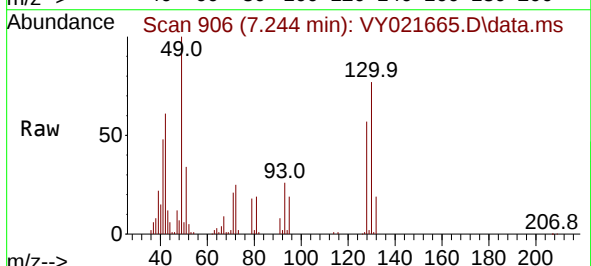
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

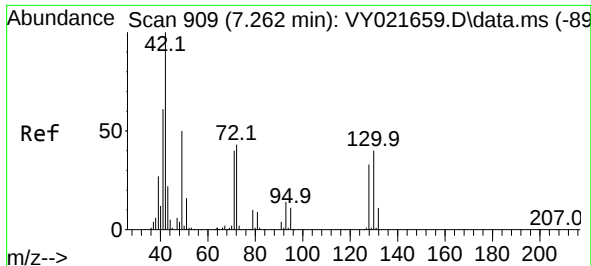
Tgt Ion: 96 Resp: 60350
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 296.4
 98 63.4 0.0 128.0



#28
 Bromochloromethane
 Concen: 20.616 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021665.D
 Acq: 27 Mar 2025 14:38

Tgt Ion: 49 Resp: 41129
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.4
 130 74.5 60.1 90.1





#29

Tetrahydrofuran

Concen: 97.189 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

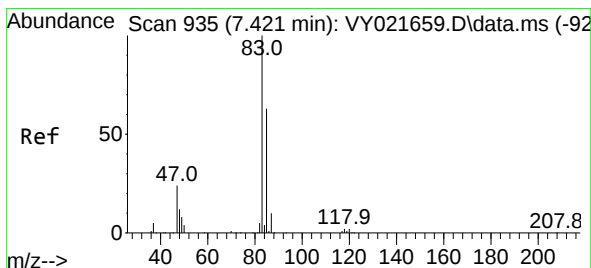
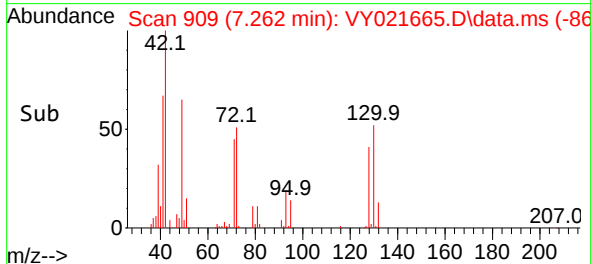
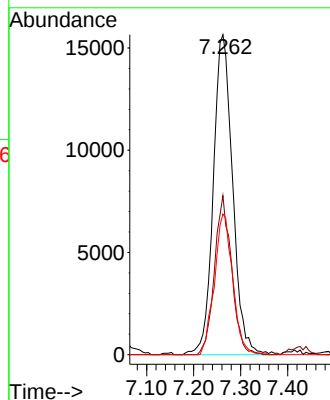
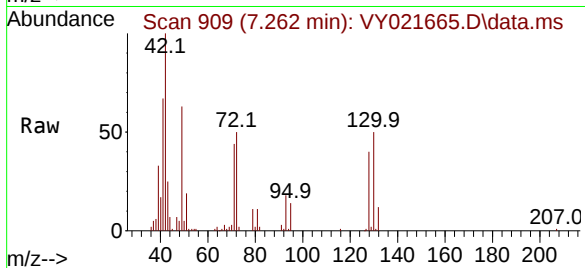
Tgt Ion: 42 Resp: 44673

Ion Ratio Lower Upper

42 100

72 43.9 34.6 52.0

71 41.7 32.5 48.7



#30

Chloroform

Concen: 19.869 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021665.D

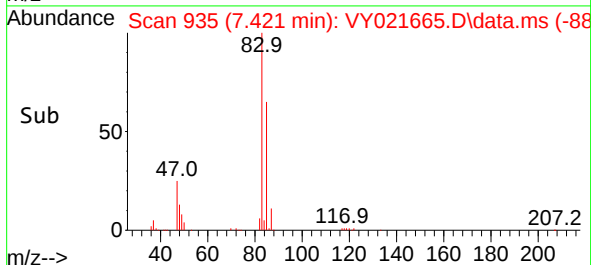
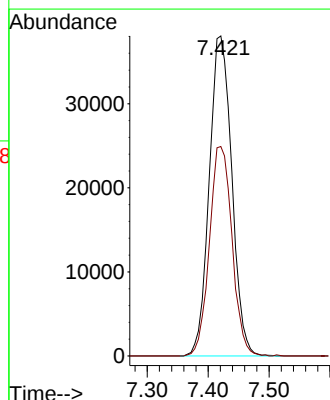
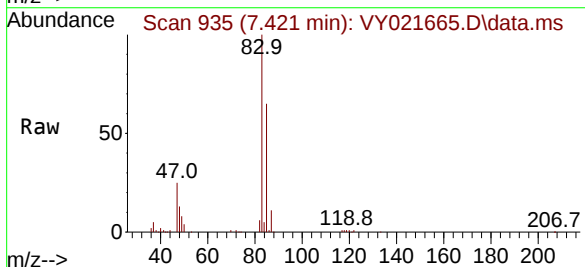
Acq: 27 Mar 2025 14:38

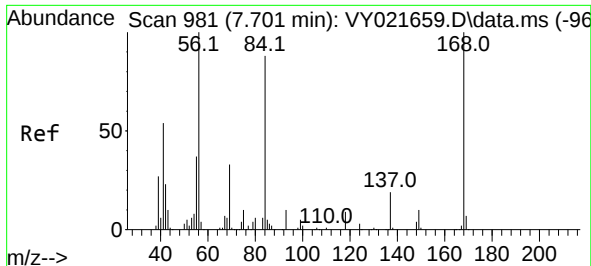
Tgt Ion: 83 Resp: 97757

Ion Ratio Lower Upper

83 100

85 65.4 50.6 75.8

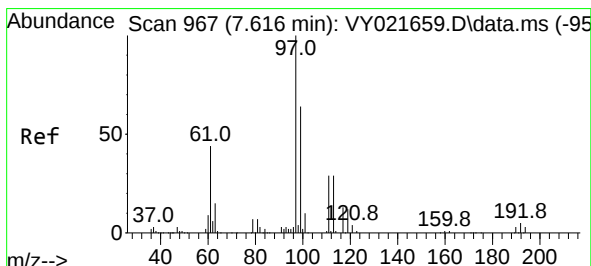
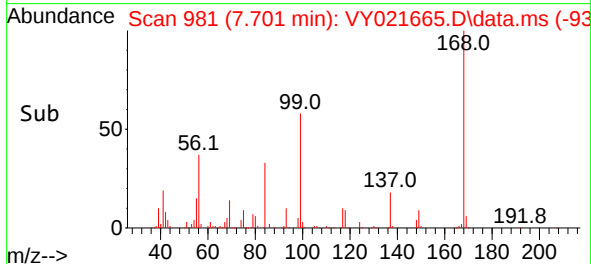
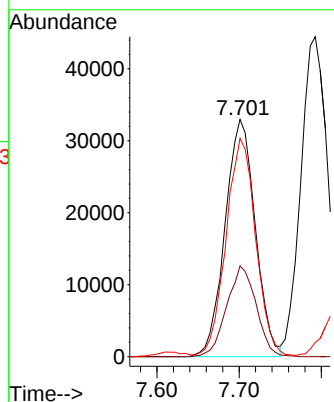
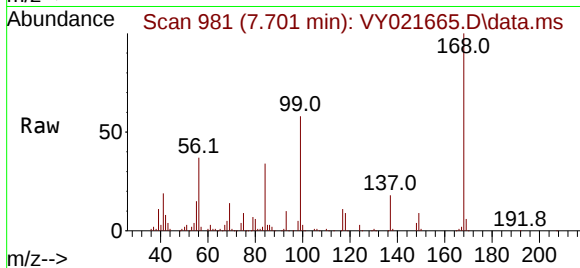




#31
Cyclohexane
Concen: 19.517 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

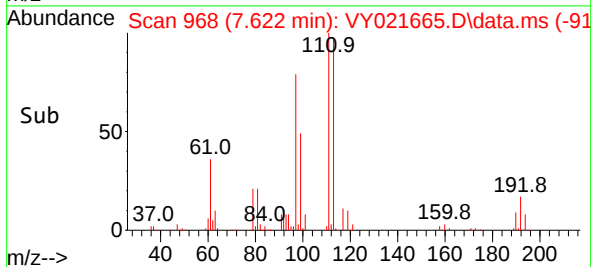
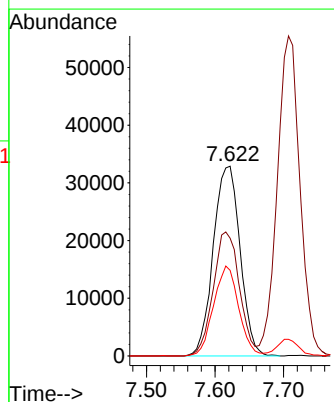
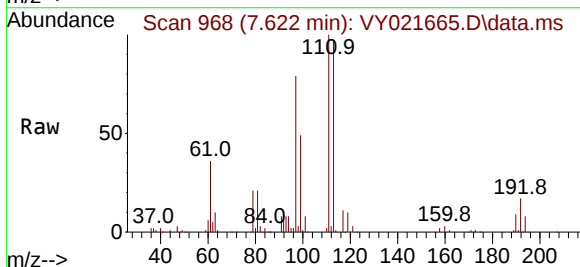
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

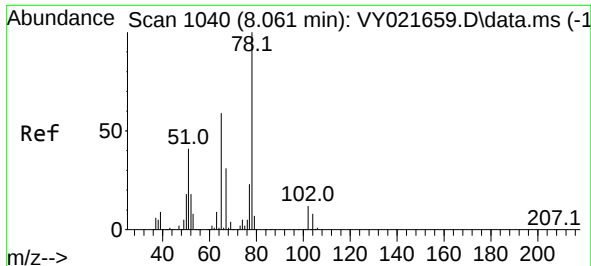
Tgt Ion: 56 Resp: 84159
Ion Ratio Lower Upper
56 100
69 38.3 26.6 40.0
84 90.7 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 20.118 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 97 Resp: 89462
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 44.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 55.661 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

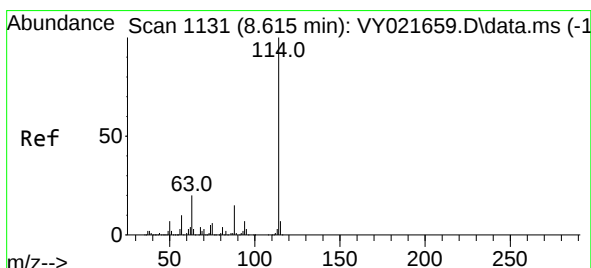
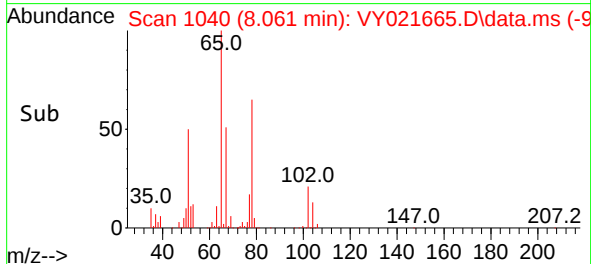
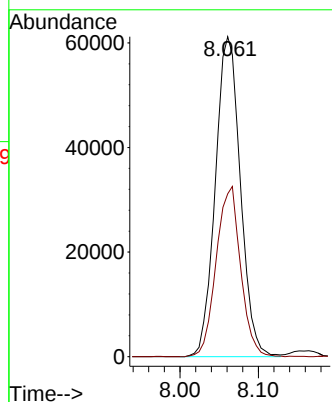
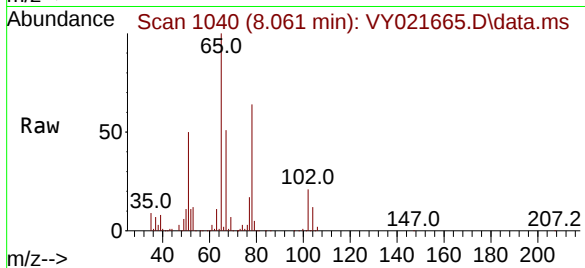
VY0327SBS01

Tgt Ion: 65 Resp: 135992

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

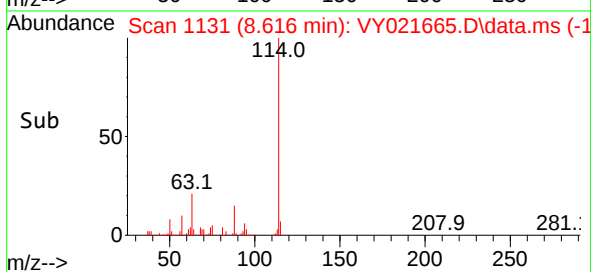
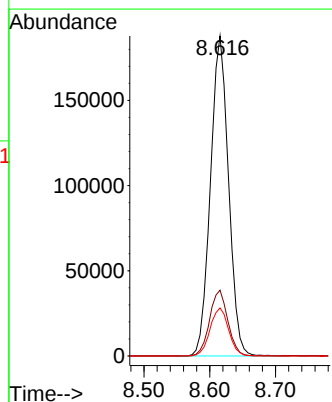
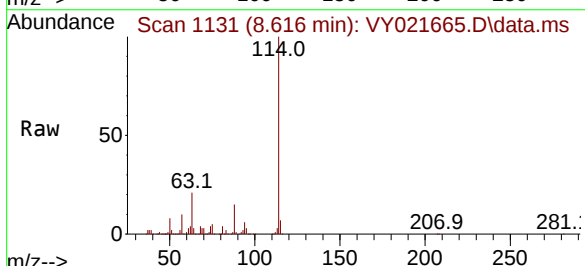
Tgt Ion: 114 Resp: 359061

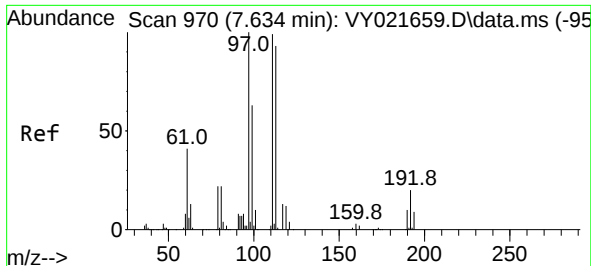
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 54.714 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

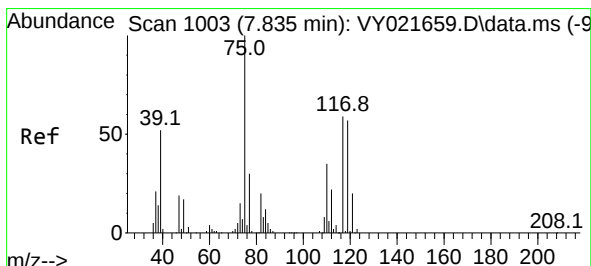
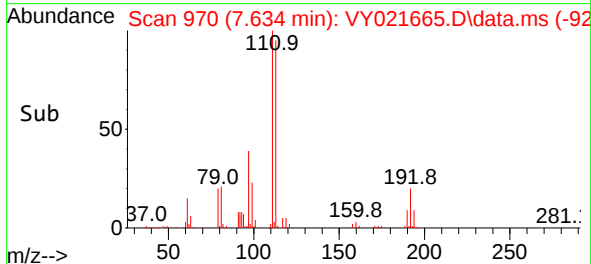
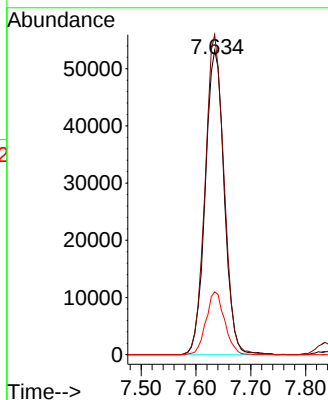
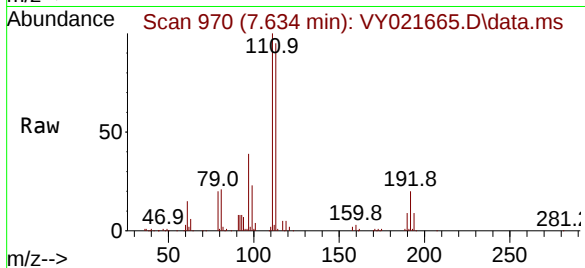
Tgt Ion:113 Resp: 127437

Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 20.3 16.2 24.4



#36

1,1-Dichloropropene

Concen: 19.729 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

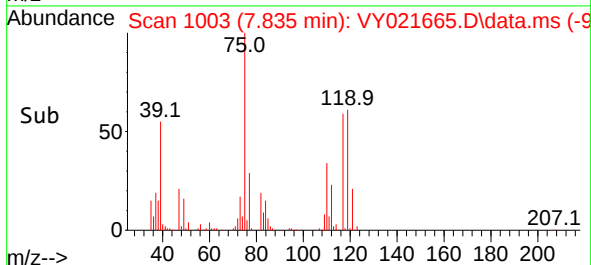
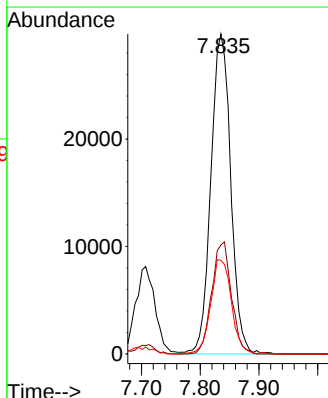
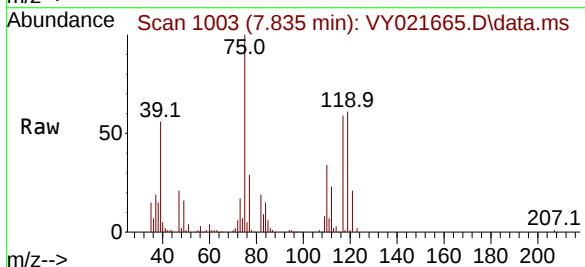
Tgt Ion: 75 Resp: 69993

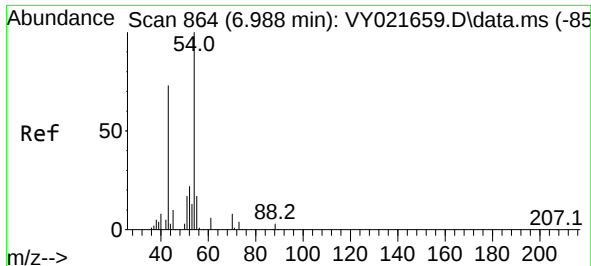
Ion Ratio Lower Upper

75 100

110 34.5 17.0 50.9

77 30.6 24.8 37.2

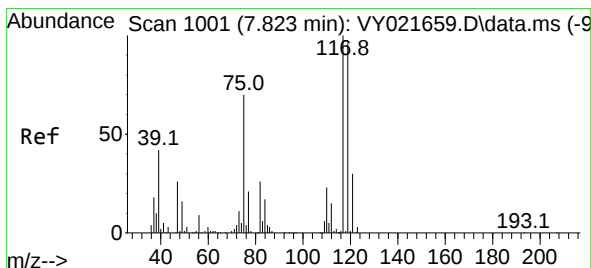
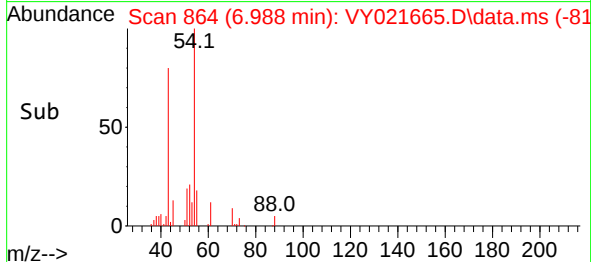
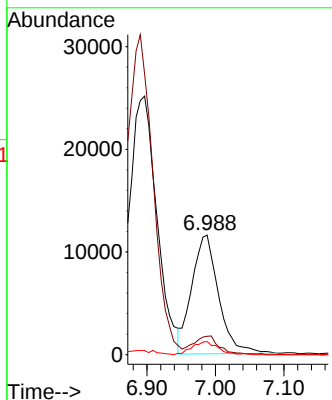
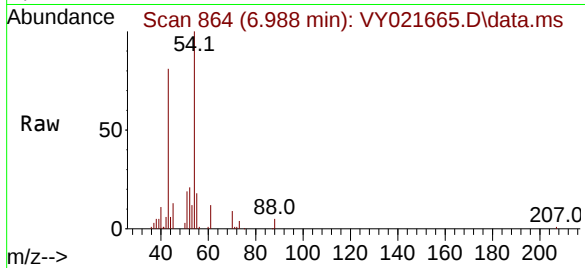




#37
Ethyl Acetate
Concen: 18.847 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

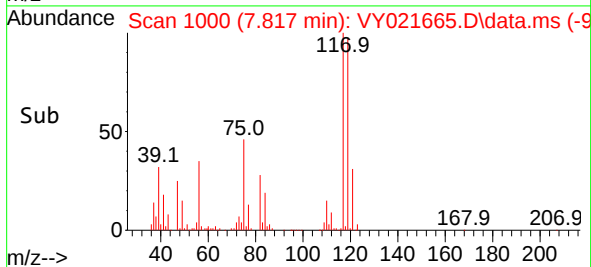
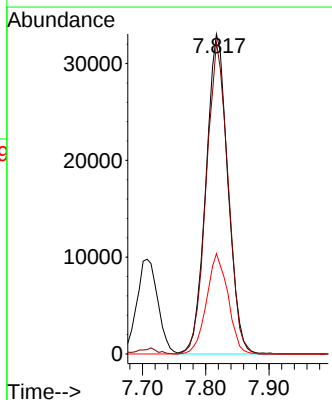
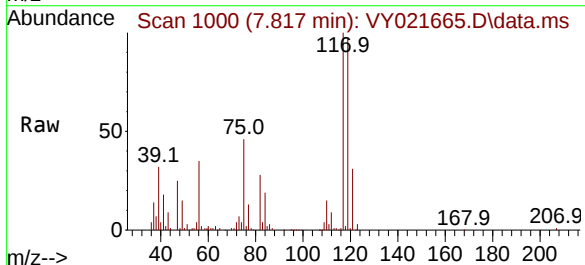
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

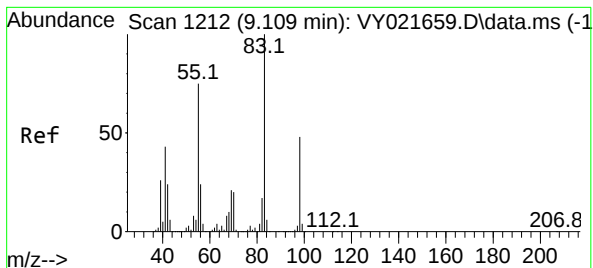
Tgt Ion:	43	Resp:	31556
Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.0	16.6
70	10.6	8.1	12.1



#38
Carbon Tetrachloride
Concen: 19.608 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion:	117	Resp:	79673
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.2	114.4
121	31.4	24.2	36.4





#39

Methylcyclohexane

Concen: 19.260 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

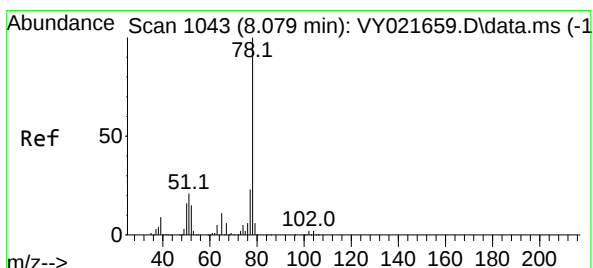
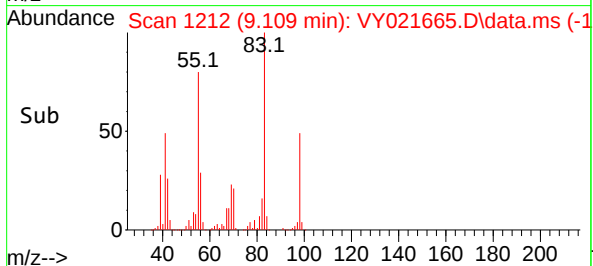
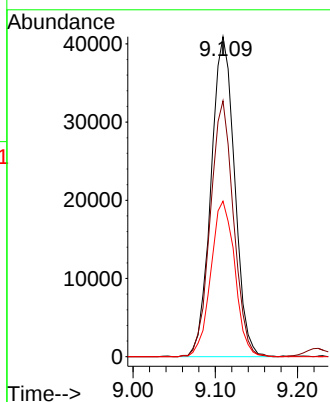
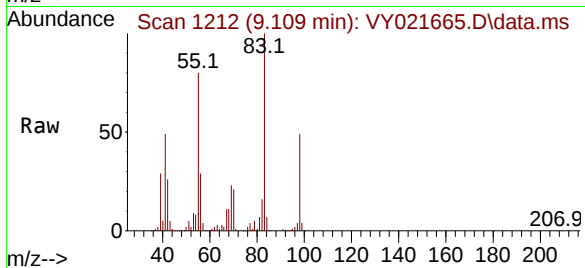
Tgt Ion: 83 Resp: 81627

Ion Ratio Lower Upper

83 100

55 79.9 59.7 89.5

98 48.6 38.3 57.5



#40

Benzene

Concen: 20.096 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021665.D

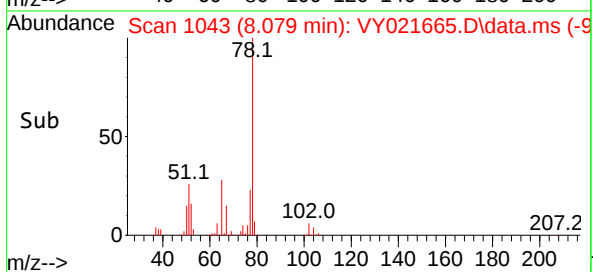
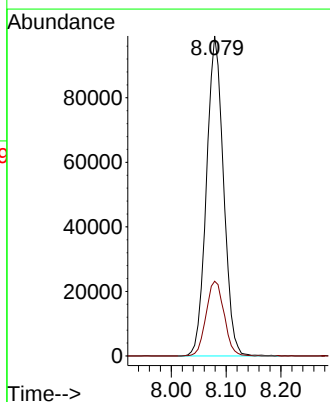
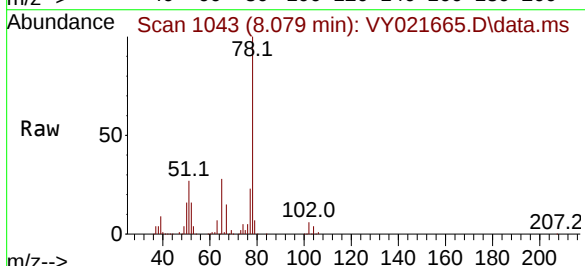
Acq: 27 Mar 2025 14:38

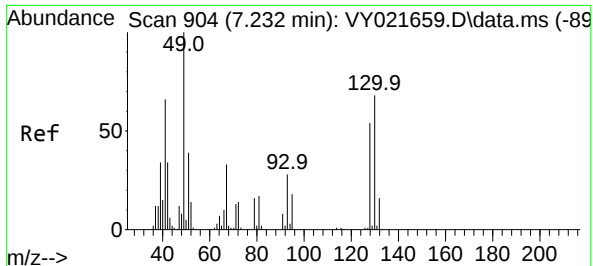
Tgt Ion: 78 Resp: 213511

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2

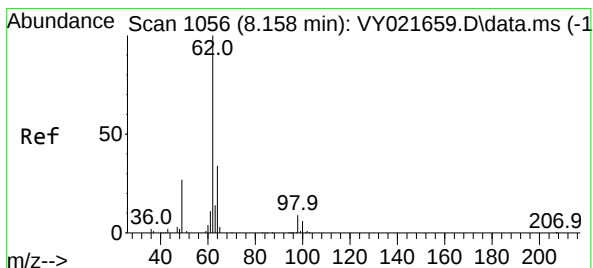
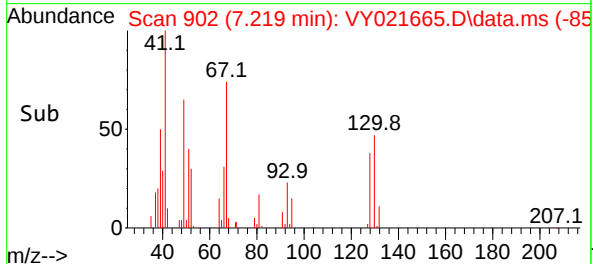
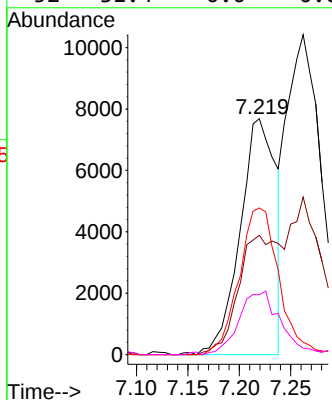
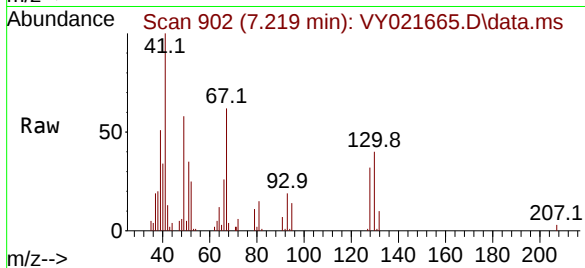




#41
Methacrylonitrile
Concen: 20.921 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

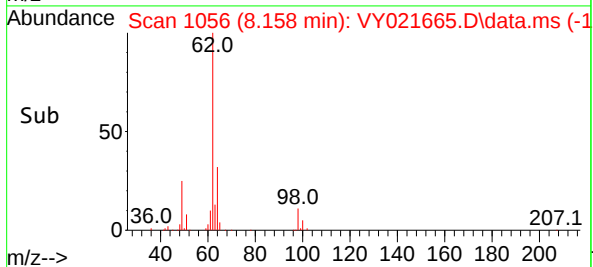
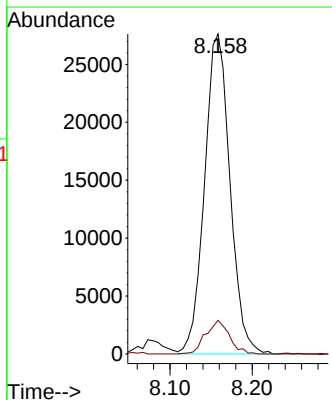
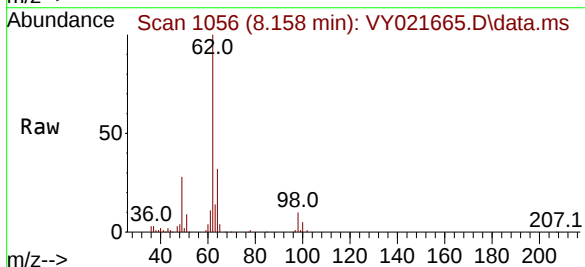
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

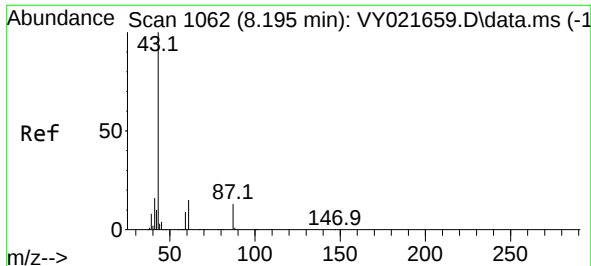
Tgt Ion: 41 Resp: 18602
Ion Ratio Lower Upper
41 100
39 54.9 0.0 0.0#
67 69.3 0.0 0.0#
52 31.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.846 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 62 Resp: 59443
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.4

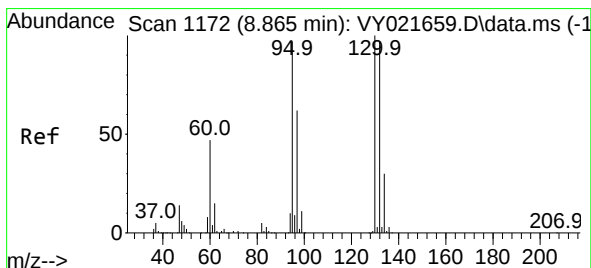
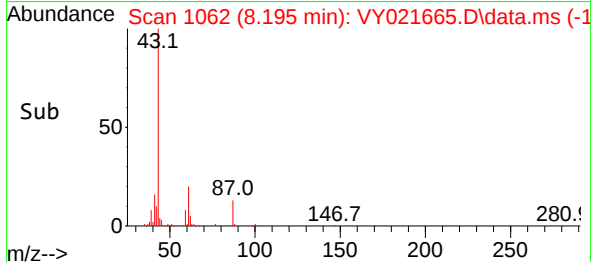
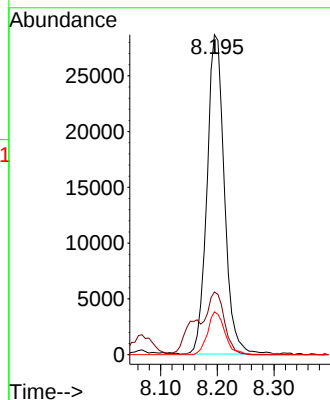
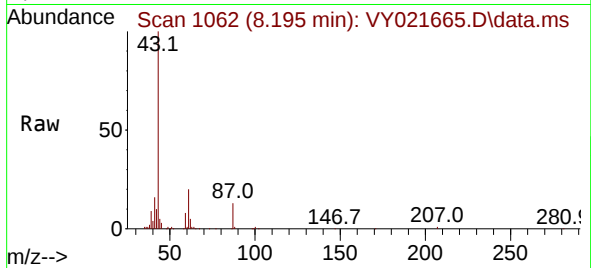




#43
Isopropyl Acetate
Concen: 19.195 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

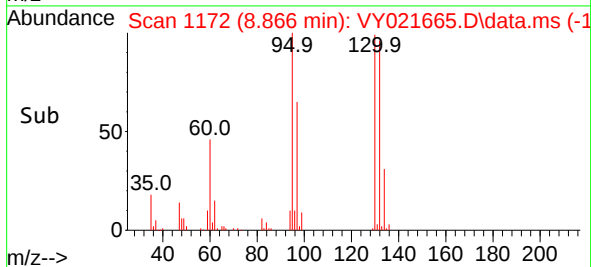
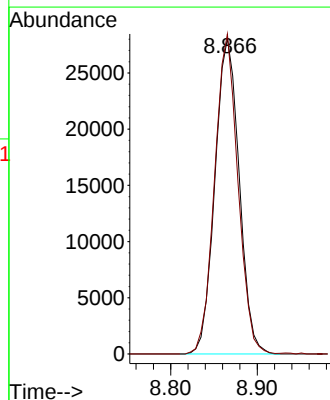
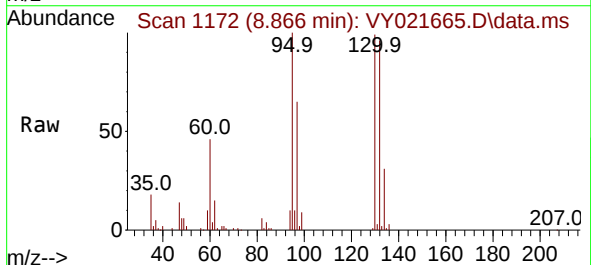
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

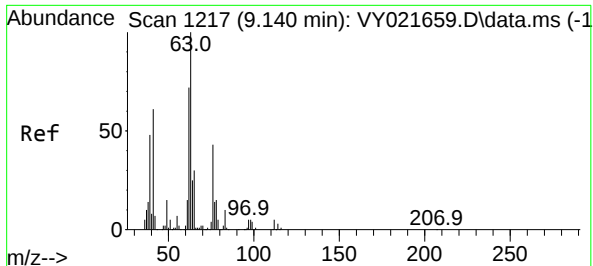
Tgt Ion: 43 Resp: 60904
Ion Ratio Lower Upper
43 100
61 20.2 15.9 23.9
87 13.3 10.4 15.6



#44
Trichloroethene
Concen: 20.132 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 130 Resp: 54497
Ion Ratio Lower Upper
130 100
95 101.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.916 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

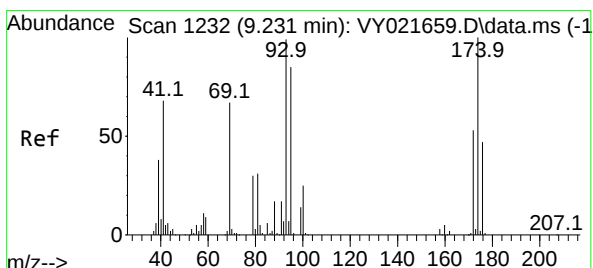
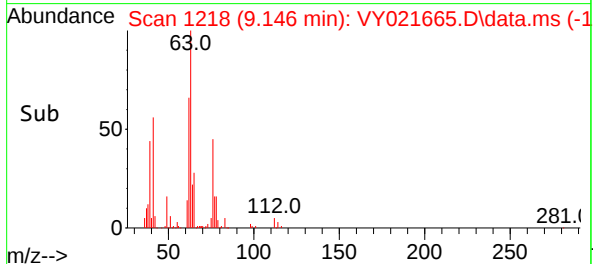
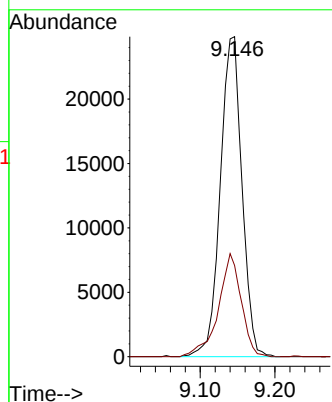
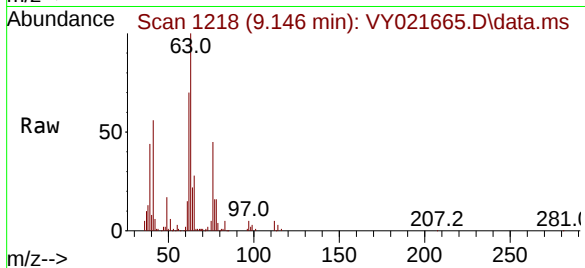
VY0327SBS01

Tgt Ion: 63 Resp: 50086

Ion Ratio Lower Upper

63 100

65 28.5 24.4 36.6



#46

Dibromomethane

Concen: 20.332 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

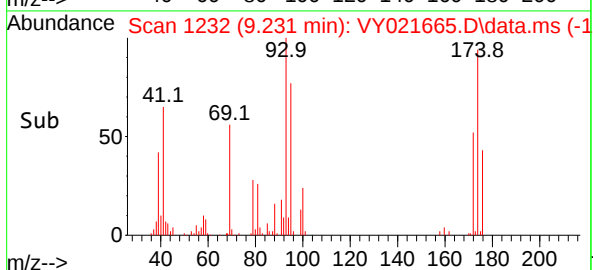
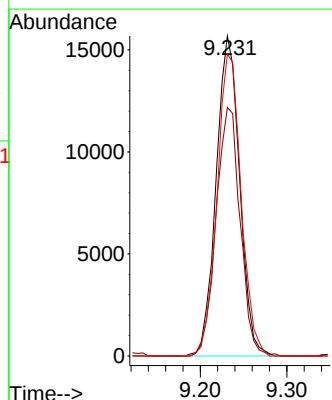
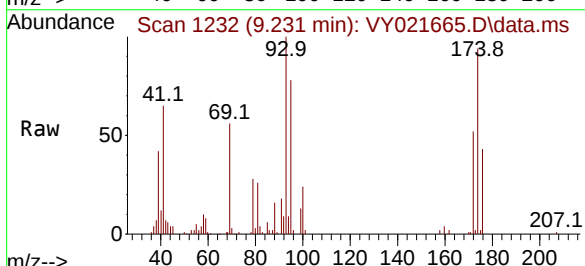
Tgt Ion: 93 Resp: 29469

Ion Ratio Lower Upper

93 100

95 79.7 68.1 102.1

174 96.4 80.9 121.3

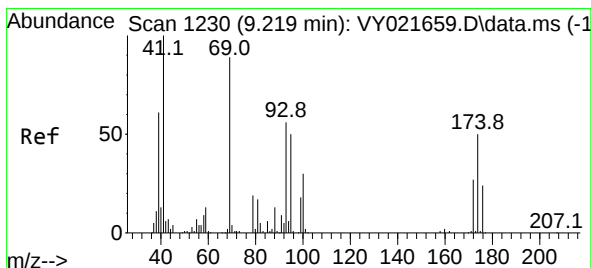
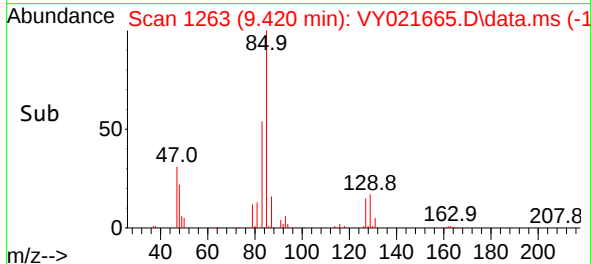
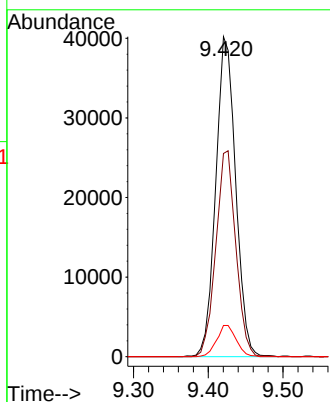
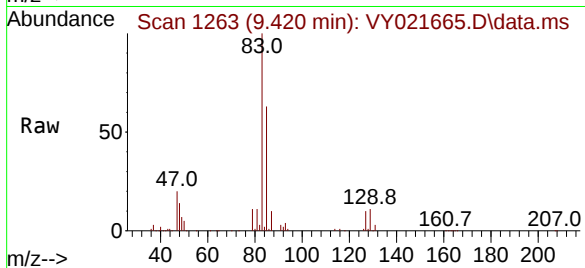




#47
Bromodichloromethane
Concen: 19.823 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

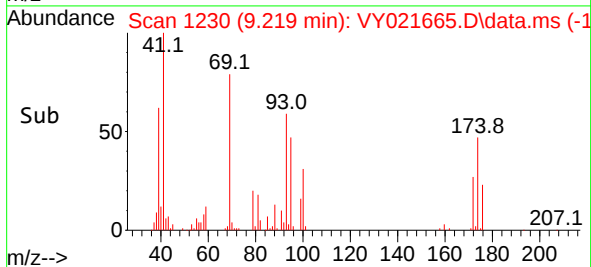
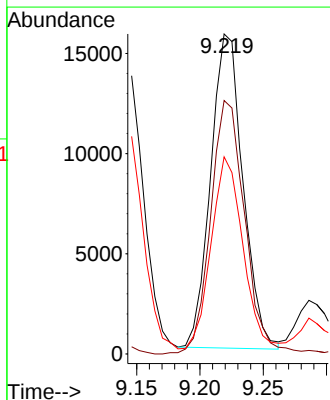
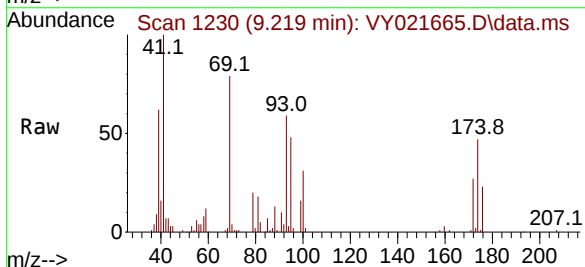
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

Tgt Ion:	83	Resp:	74449
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.8	77.6
127	9.8	6.8	10.2



#48
Methyl methacrylate
Concen: 19.144 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion:	41	Resp:	27879
Ion	Ratio	Lower	Upper
41	100		
69	85.4	69.8	104.8
39	60.2	47.2	70.8





#49

1,4-Dioxane

Concen: 395.902 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

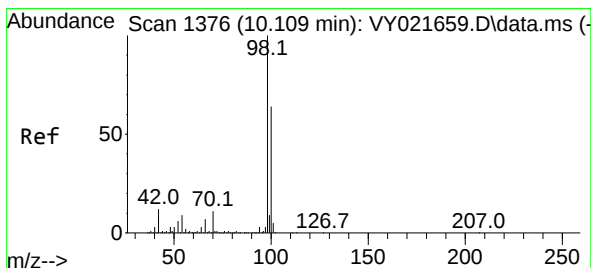
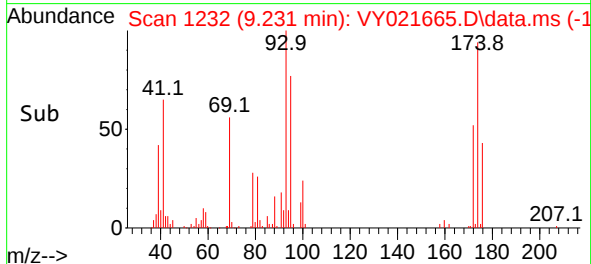
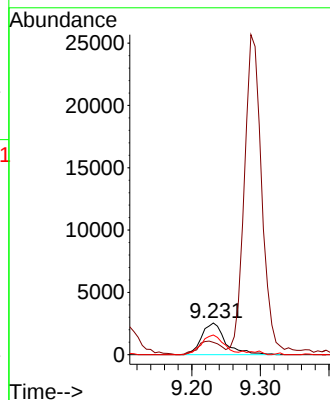
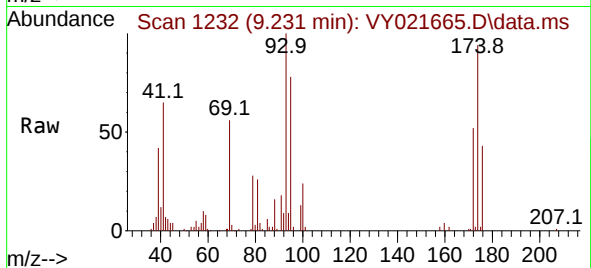
Tgt Ion: 88 Resp: 6147

Ion Ratio Lower Upper

88 100

43 41.4 28.8 43.2

58 58.9 59.4 89.2#



#50

Toluene-d8

Concen: 55.783 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021665.D

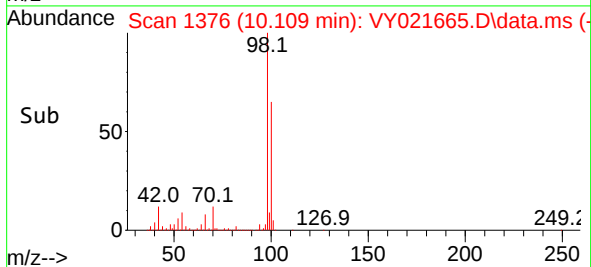
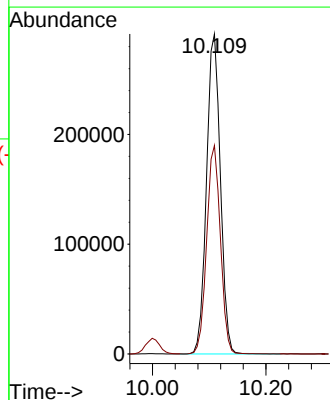
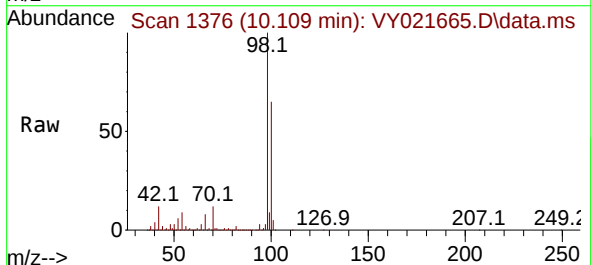
Acq: 27 Mar 2025 14:38

Tgt Ion: 98 Resp: 494283

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 97.708 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

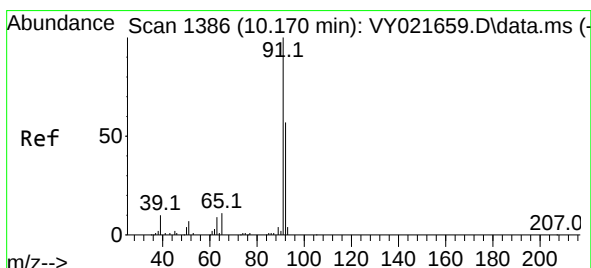
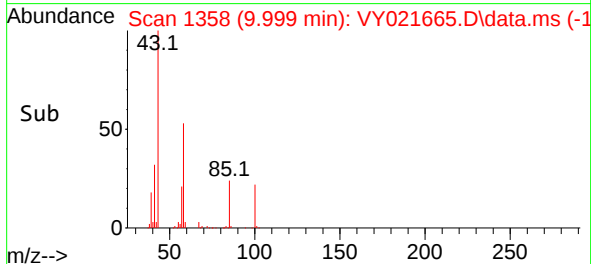
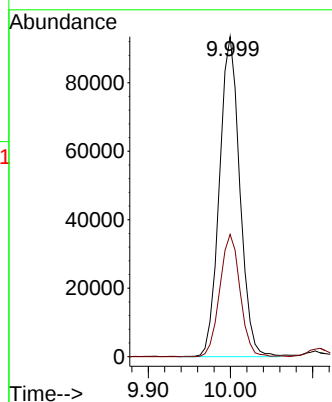
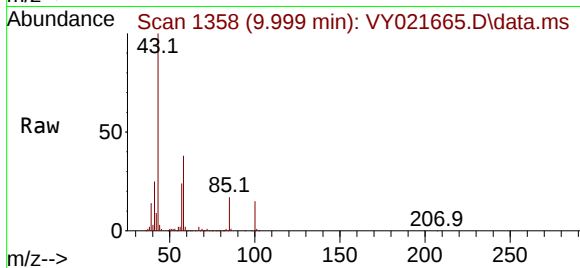
VY0327SBS01

Tgt Ion: 43 Resp: 161334

Ion Ratio Lower Upper

43 100

58 38.0 31.5 47.3



#52

Toluene

Concen: 20.323 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021665.D

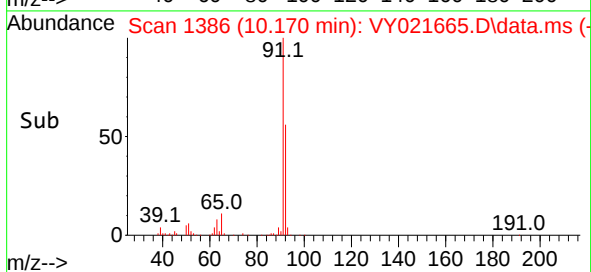
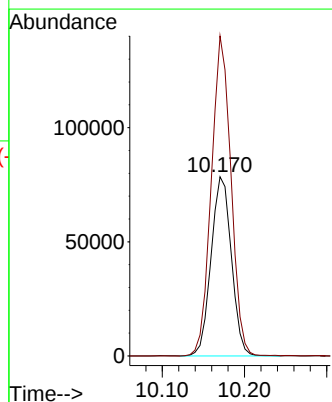
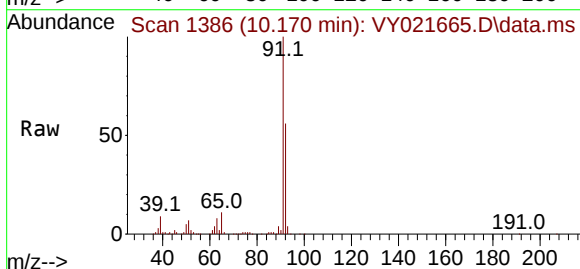
Acq: 27 Mar 2025 14:38

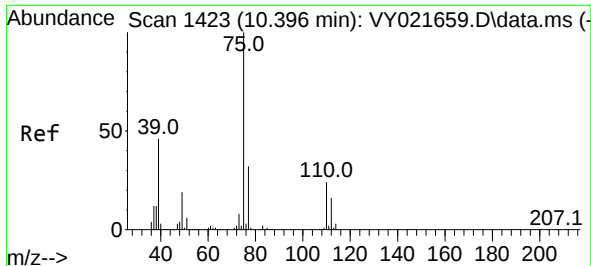
Tgt Ion: 92 Resp: 134713

Ion Ratio Lower Upper

92 100

91 173.4 138.6 207.8

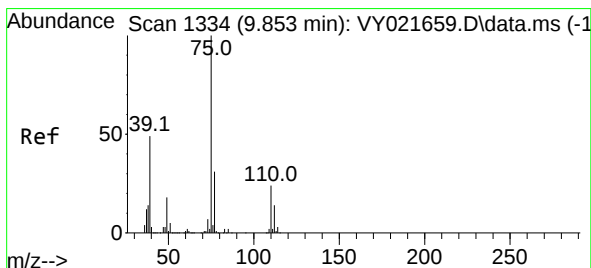
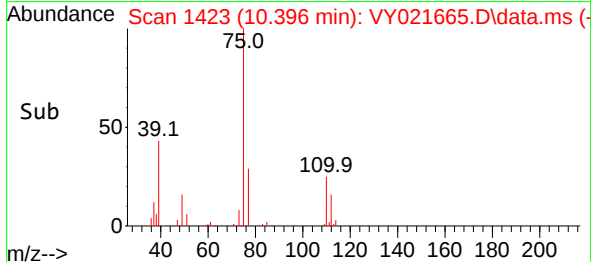
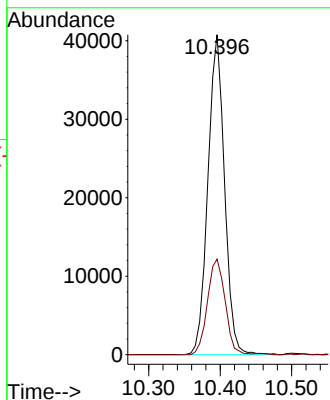
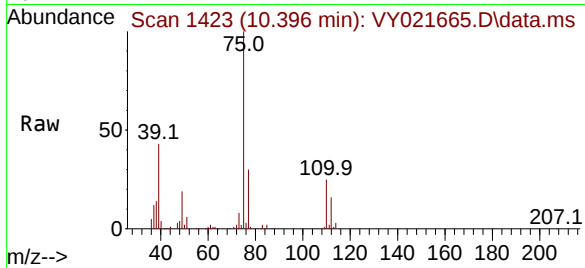




#53
 t-1,3-Dichloropropene
 Concen: 19.718 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021665.D
 Acq: 27 Mar 2025 14:38

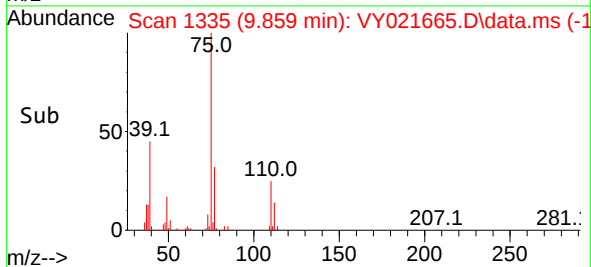
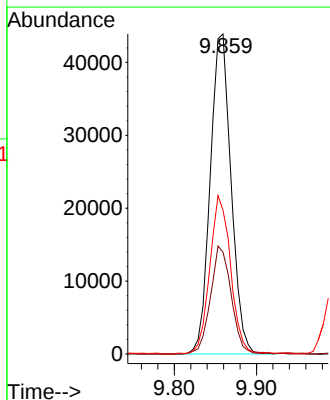
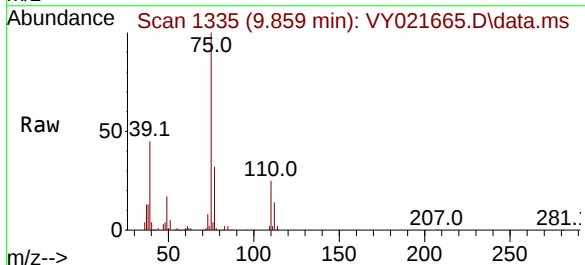
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

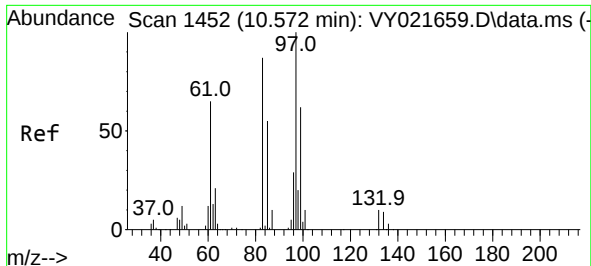
Tgt Ion: 75 Resp: 65775
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.687 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021665.D
 Acq: 27 Mar 2025 14:38

Tgt Ion: 75 Resp: 77477
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3
 39 44.7 39.2 58.8

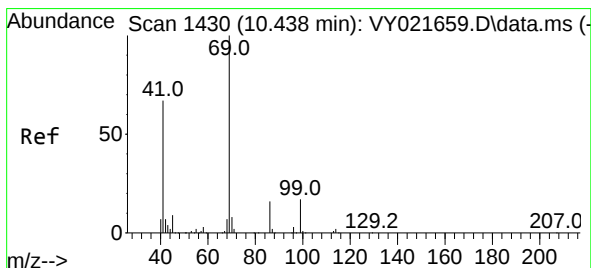
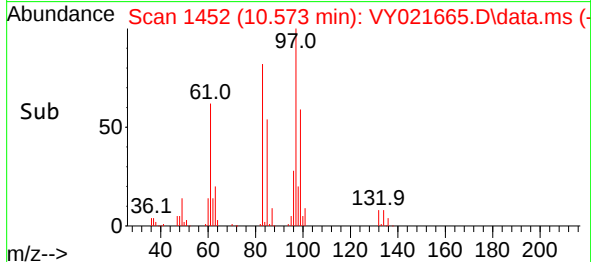
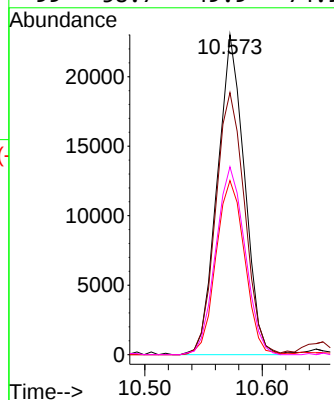
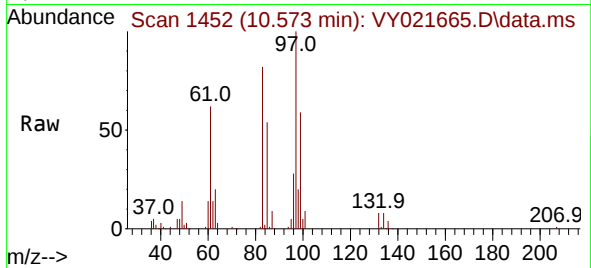




#55
1,1,2-Trichloroethane
Concen: 19.804 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

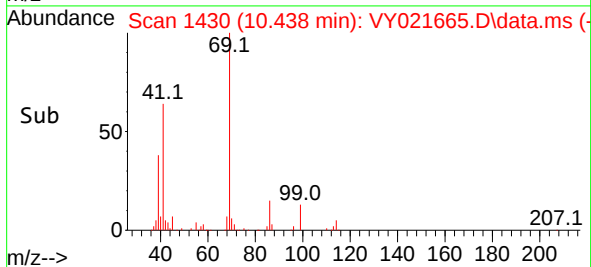
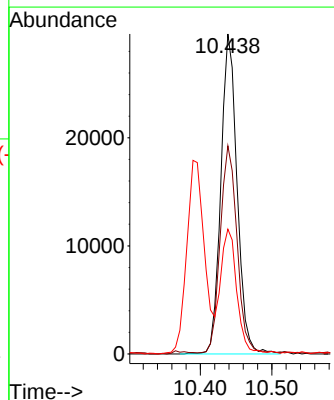
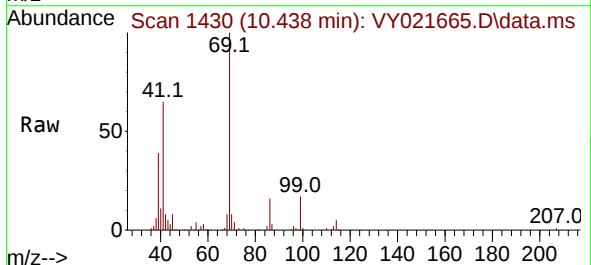
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

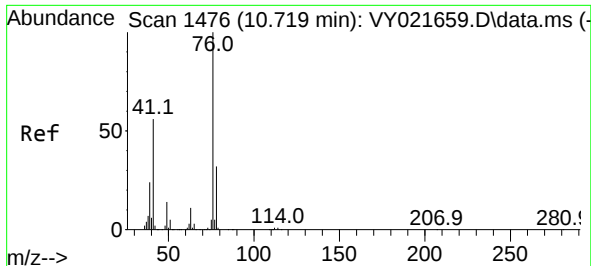
Tgt Ion:	97	Resp:	36938
Ion	Ratio	Lower	Upper
97	100		
83	81.9	69.5	104.3
85	54.4	43.9	65.9
99	58.7	49.9	74.9



#56
Ethyl methacrylate
Concen: 19.610 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion:	69	Resp:	46703
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.8	80.6
39	38.1	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.910 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

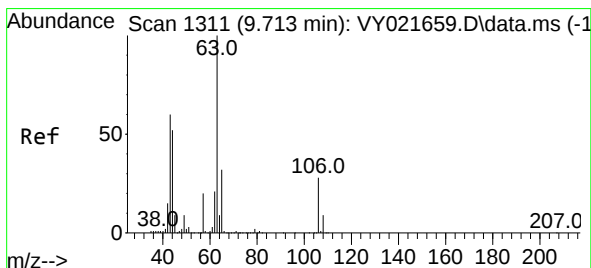
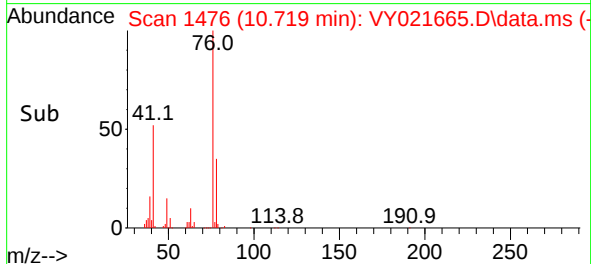
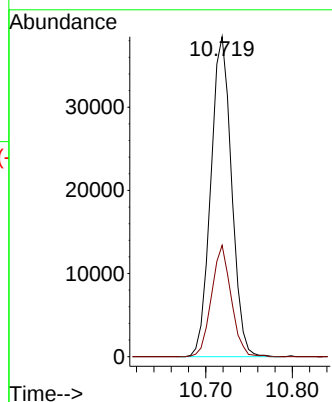
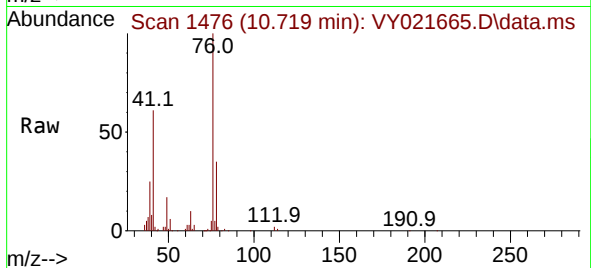
VY0327SBS01

Tgt Ion: 76 Resp: 64135

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.020 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021665.D

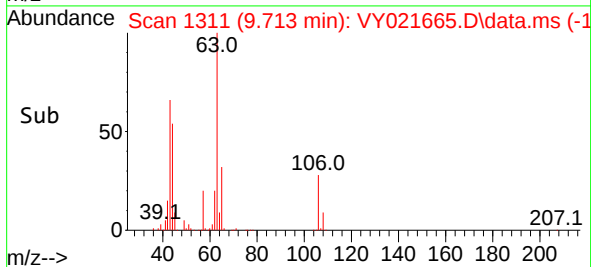
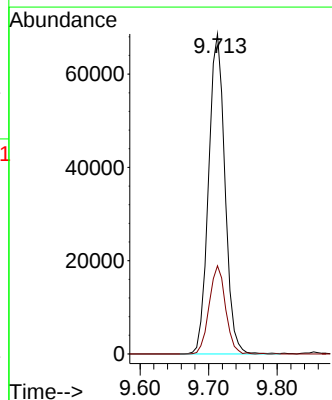
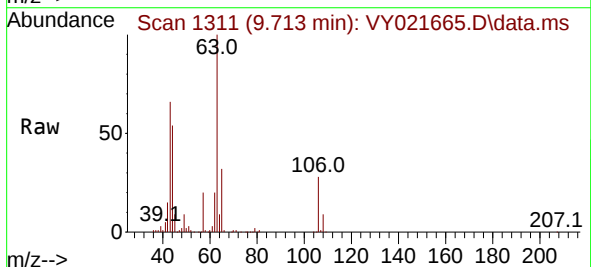
Acq: 27 Mar 2025 14:38

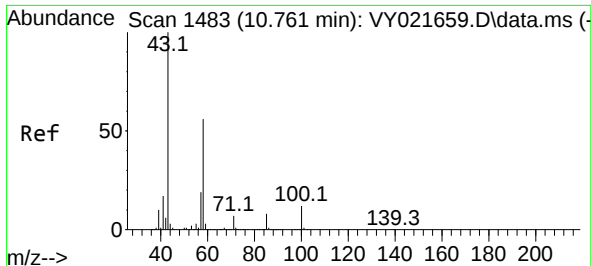
Tgt Ion: 63 Resp: 113883

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

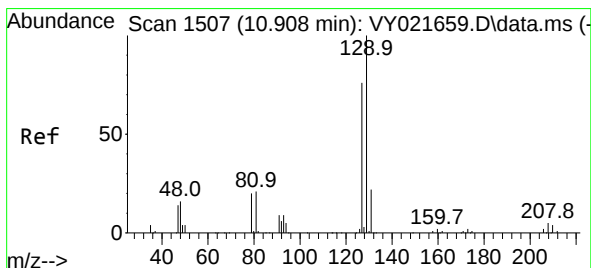
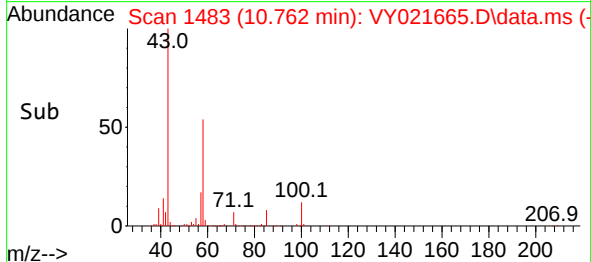
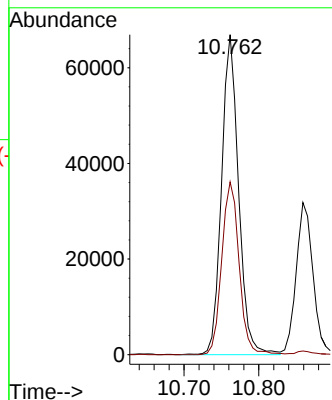
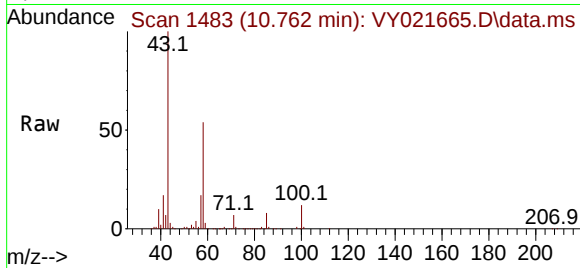




#59
2-Hexanone
Concen: 96.383 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

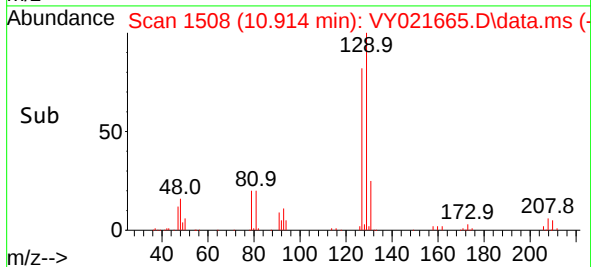
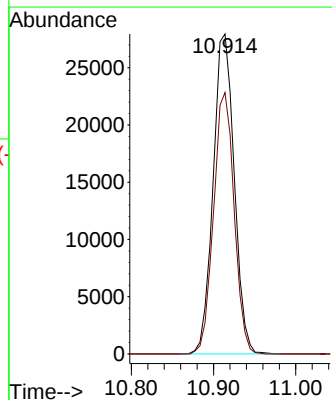
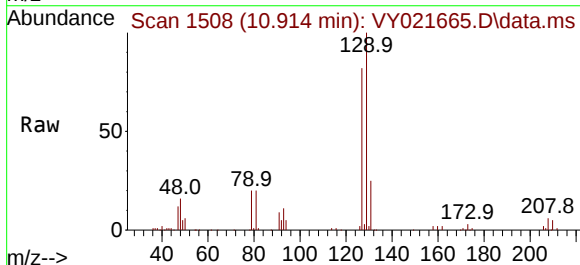
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

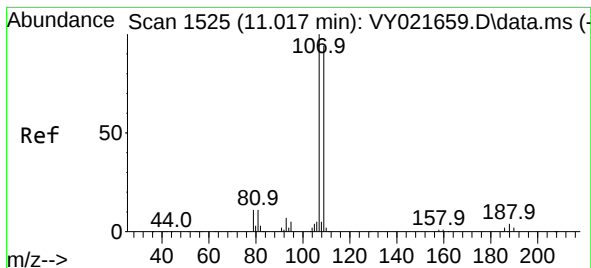
Tgt Ion: 43 Resp: 105989
Ion Ratio Lower Upper
43 100
58 55.3 27.2 81.5



#60
Dibromochloromethane
Concen: 19.557 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion:129 Resp: 49804
Ion Ratio Lower Upper
129 100
127 79.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.682 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

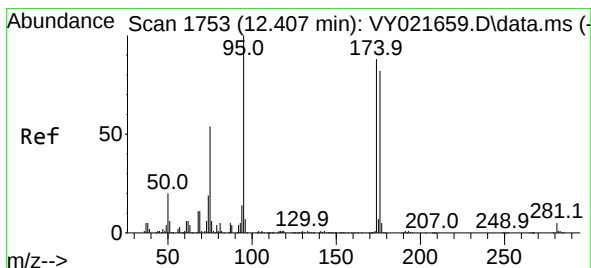
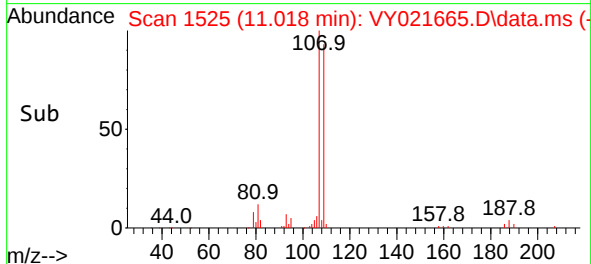
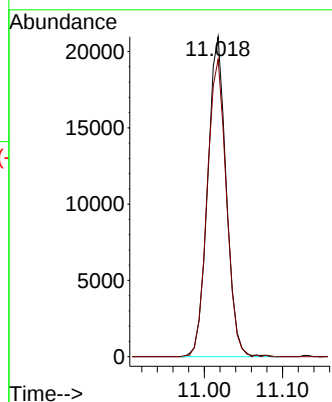
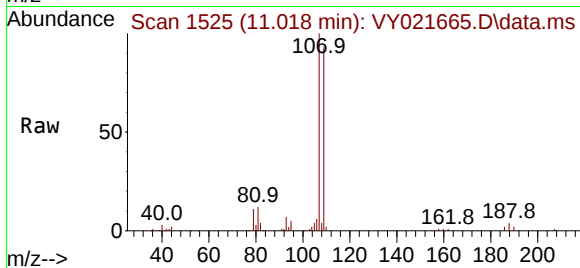
VY0327SBS01

Tgt Ion:107 Resp: 34437

Ion Ratio Lower Upper

107 100

109 96.1 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 55.358 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

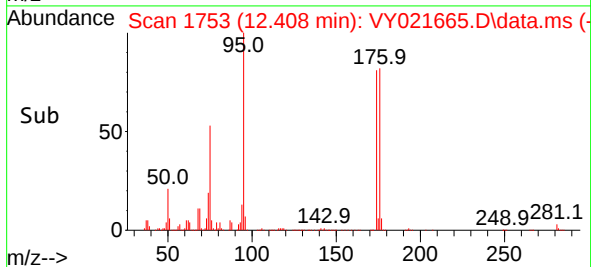
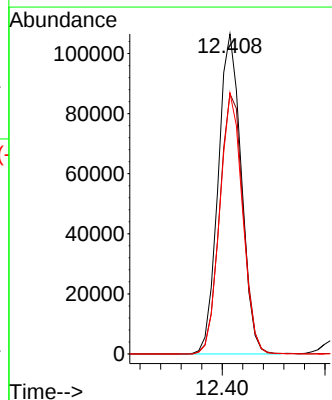
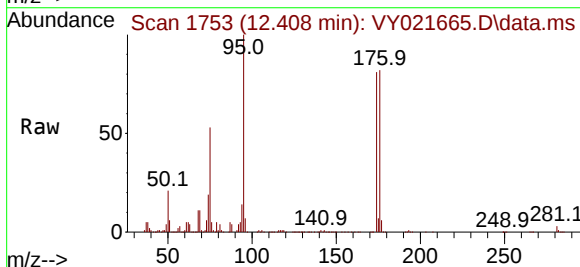
Tgt Ion: 95 Resp: 165918

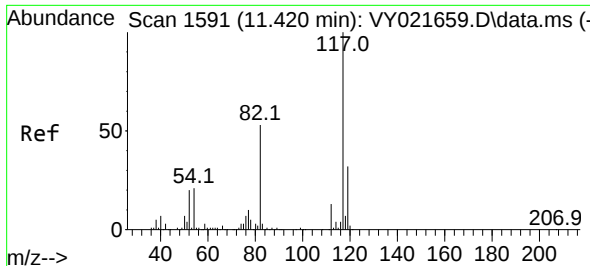
Ion Ratio Lower Upper

95 100

174 82.7 0.0 170.8

176 80.0 0.0 162.0

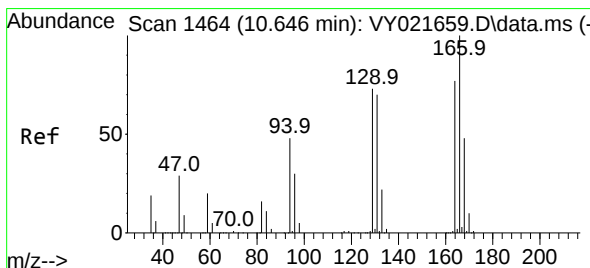
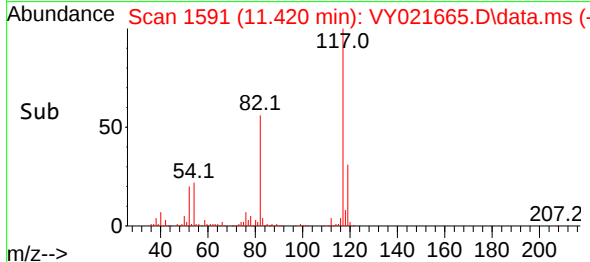
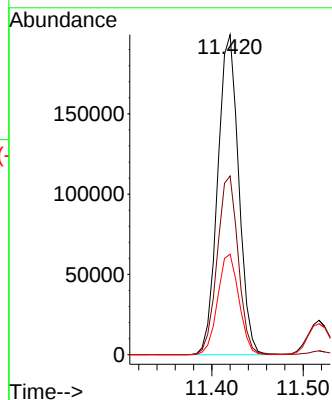
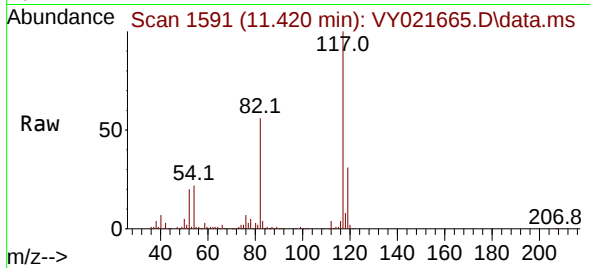




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

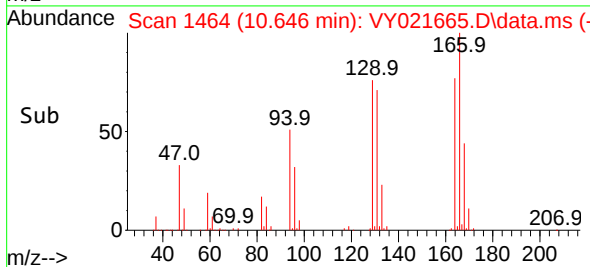
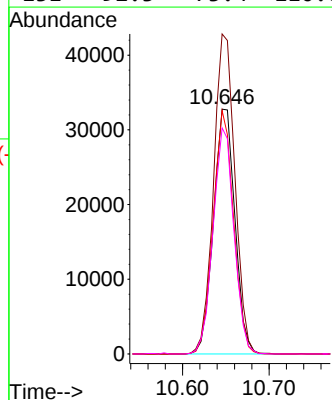
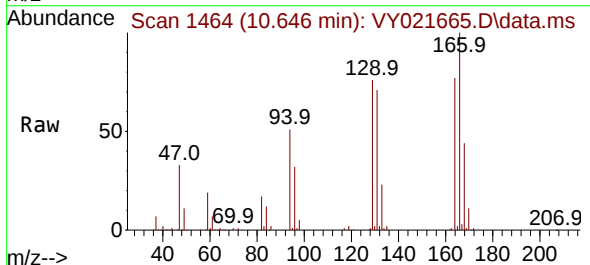
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

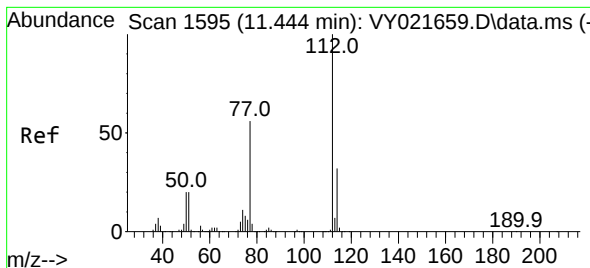
Tgt Ion:117 Resp: 318067
Ion Ratio Lower Upper
117 100
82 55.9 42.8 64.2
119 31.4 25.7 38.5



#64
Tetrachloroethene
Concen: 19.460 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion:164 Resp: 56373
Ion Ratio Lower Upper
164 100
166 130.7 104.6 156.8
129 99.4 76.6 114.8
131 92.3 73.4 110.0





#65

Chlorobenzene

Concen: 19.929 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

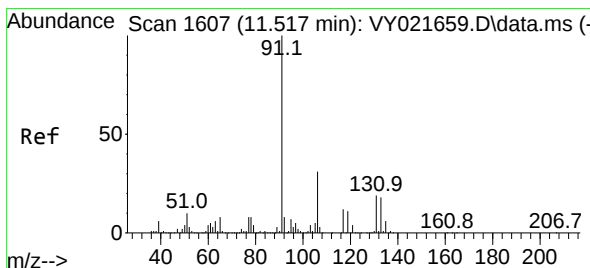
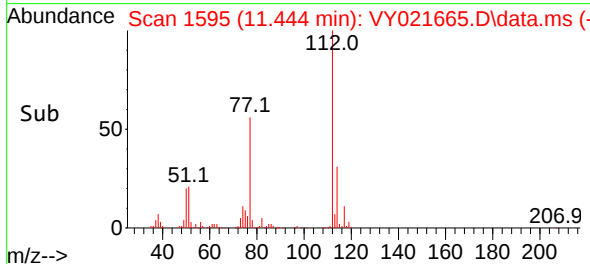
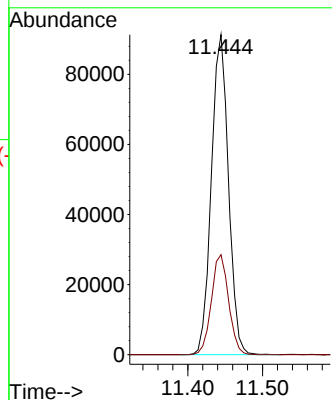
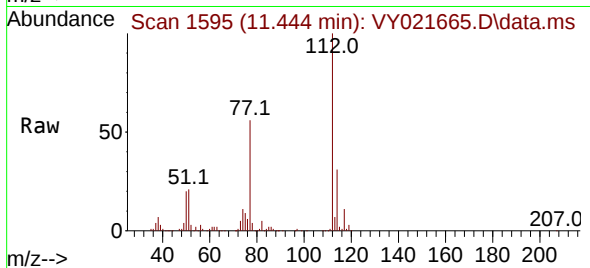
VY0327SBS01

Tgt Ion:112 Resp: 145303

Ion Ratio Lower Upper

112 100

114 31.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.791 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

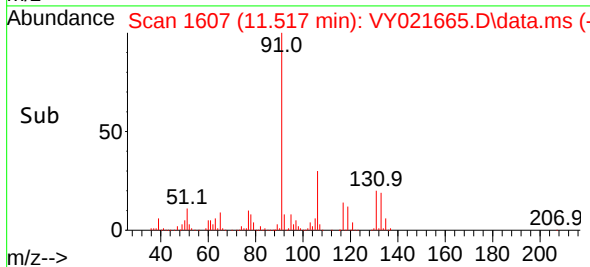
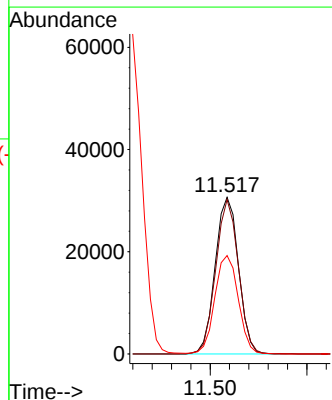
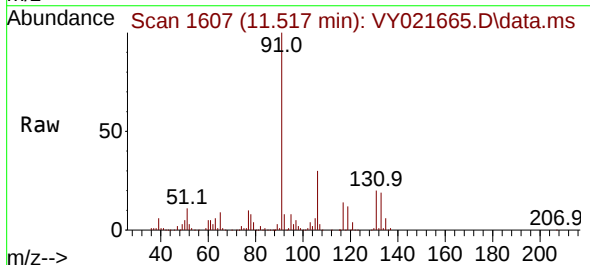
Tgt Ion:131 Resp: 51197

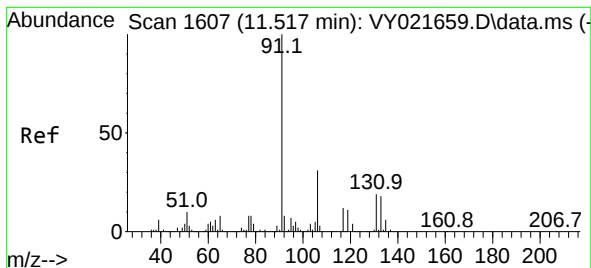
Ion Ratio Lower Upper

131 100

133 96.2 47.3 141.8

119 63.5 31.6 95.0

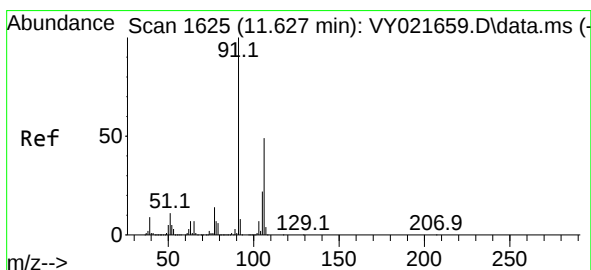
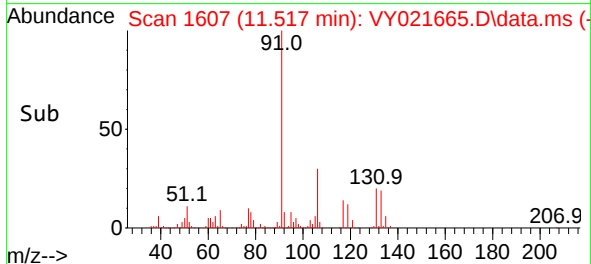
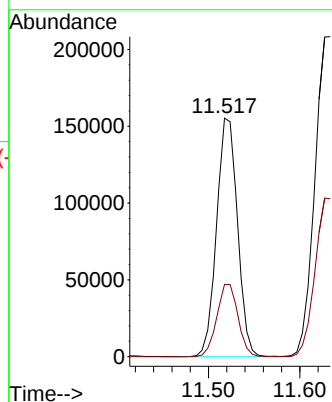
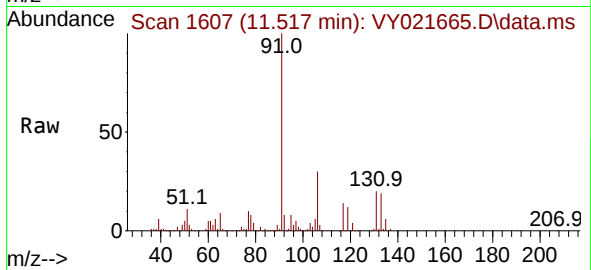




#67
Ethyl Benzene
Concen: 19.768 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

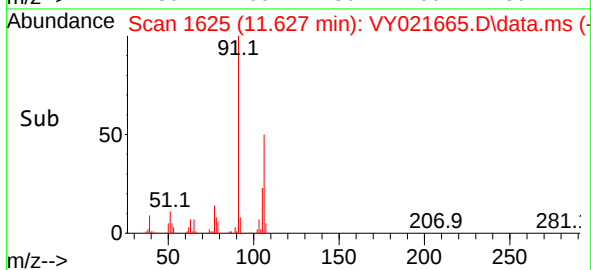
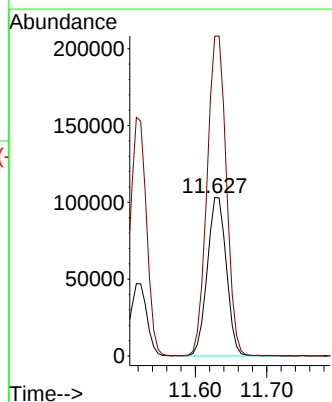
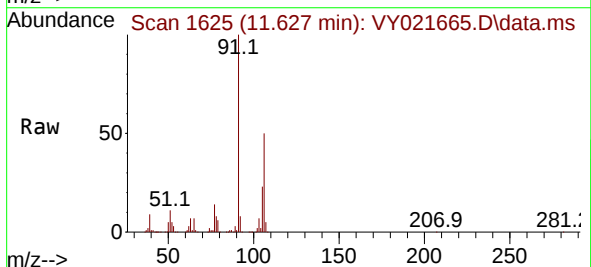
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

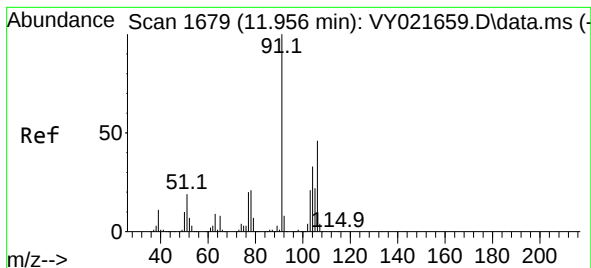
Tgt Ion: 91 Resp: 247158
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 39.959 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 106 Resp: 191308
Ion Ratio Lower Upper
106 100
91 203.2 162.4 243.6





#69

o-Xylene

Concen: 20.125 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

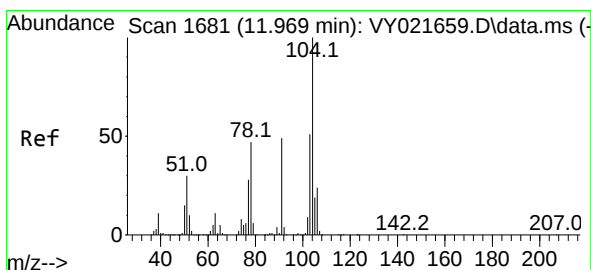
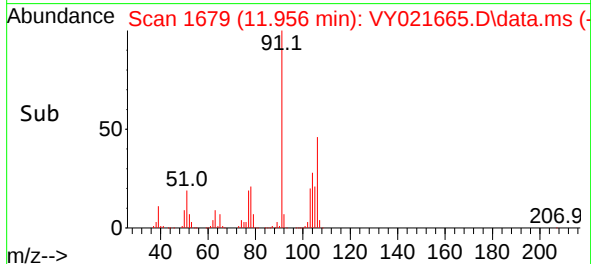
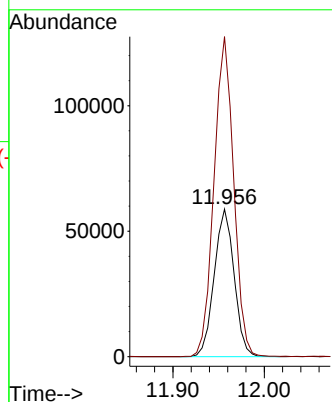
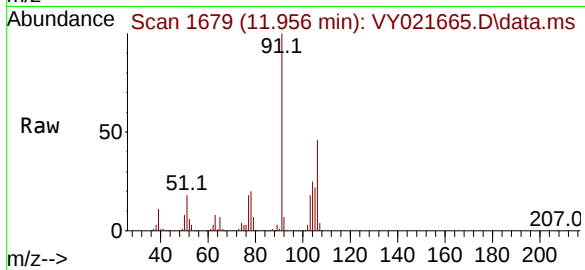
VY0327SBS01

Tgt Ion:106 Resp: 88940

Ion Ratio Lower Upper

106 100

91 214.8 106.7 319.9



#70

Styrene

Concen: 19.890 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

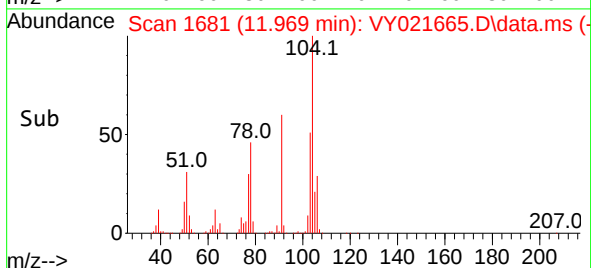
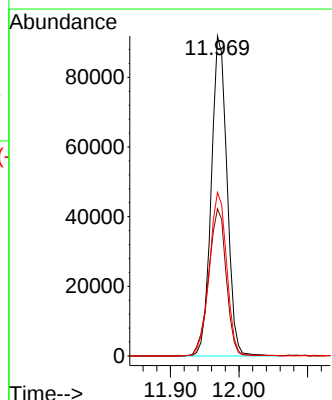
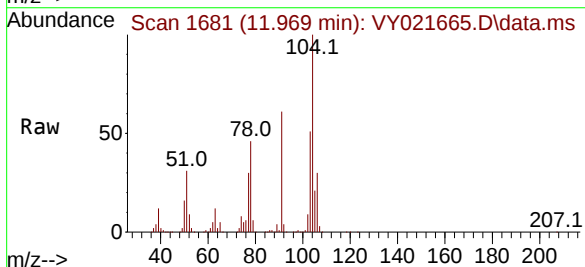
Tgt Ion:104 Resp: 146559

Ion Ratio Lower Upper

104 100

78 51.7 40.8 61.2

103 56.1 44.2 66.2





#71

Bromoform

Concen: 19.889 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

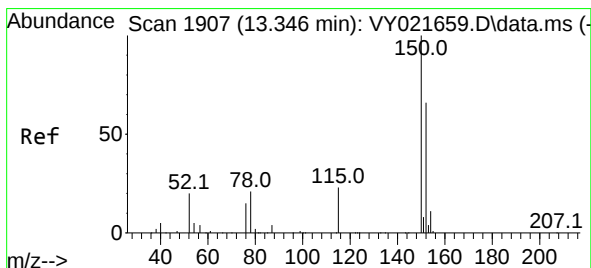
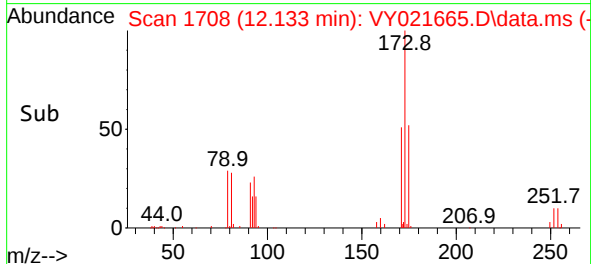
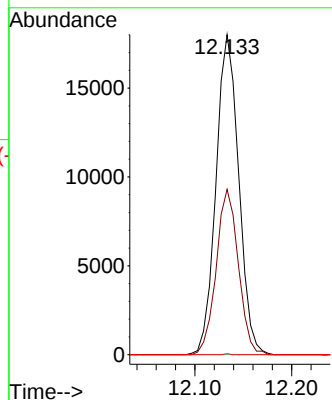
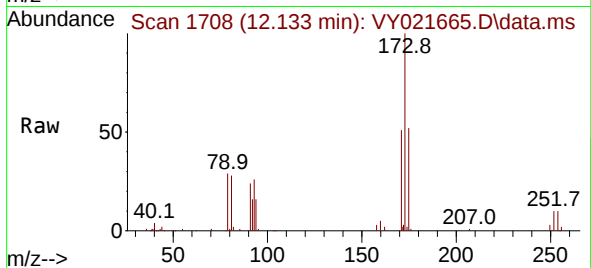
Tgt Ion:173 Resp: 29348

Ion Ratio Lower Upper

173 100

175 50.3 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

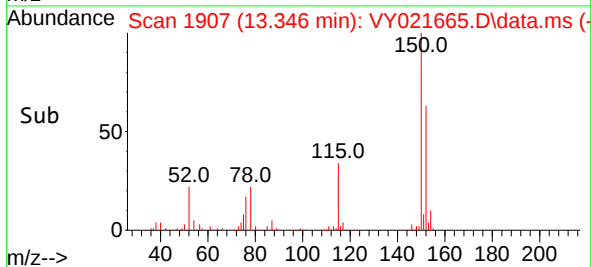
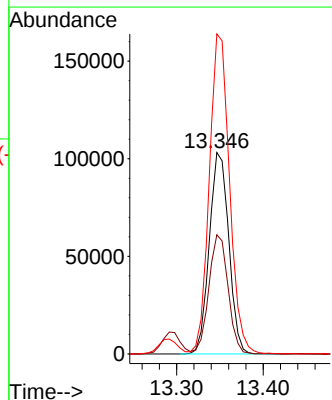
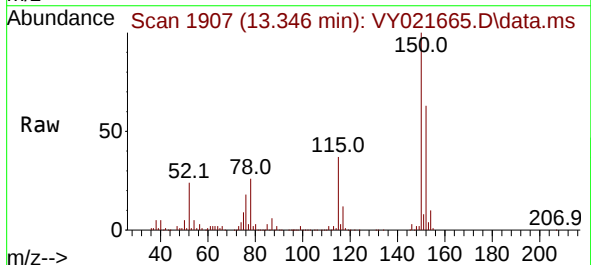
Tgt Ion:152 Resp: 161226

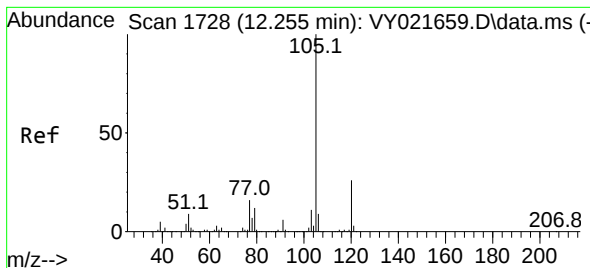
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 165.4 0.0 348.4





#73

Isopropylbenzene

Concen: 19.370 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

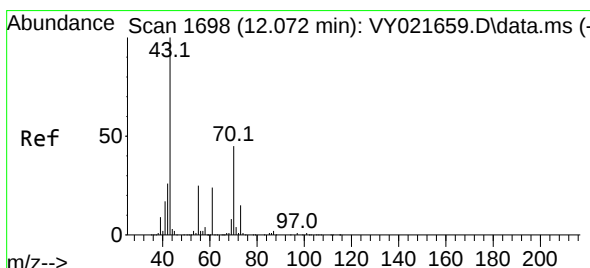
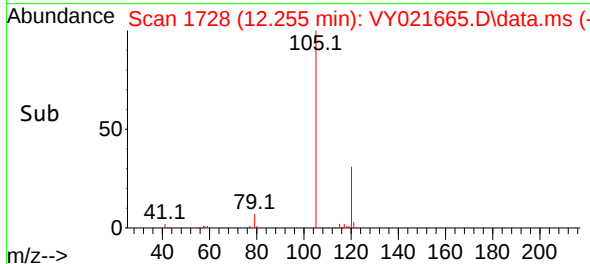
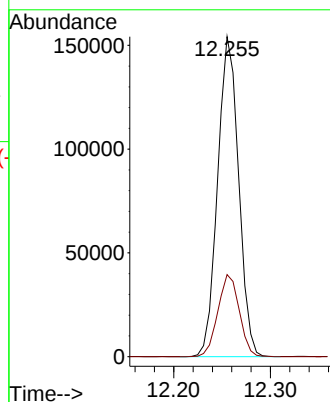
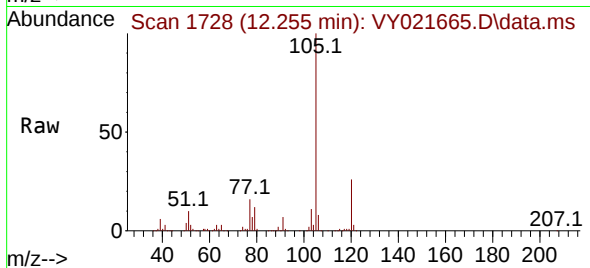
VY0327SBS01

Tgt Ion:105 Resp: 231957

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 18.753 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Tgt Ion: 43 Resp: 52702

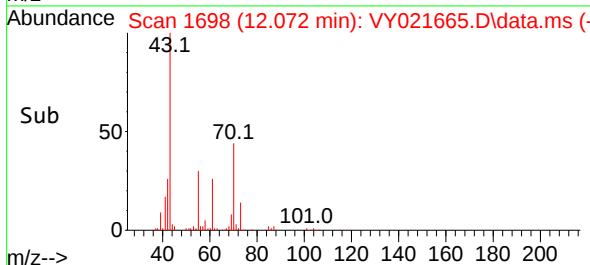
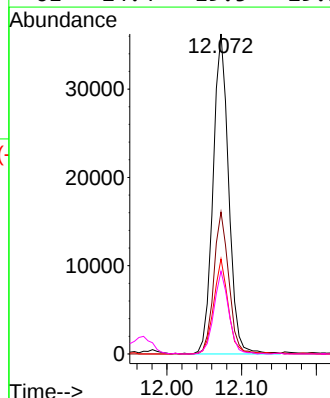
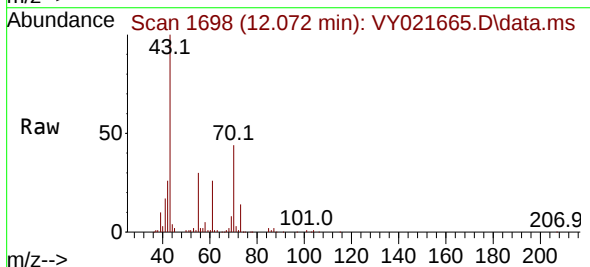
Ion Ratio Lower Upper

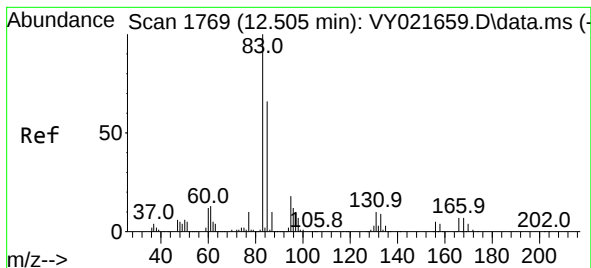
43 100

70 42.6 34.7 52.1

55 27.9 21.2 31.8

61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.654 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

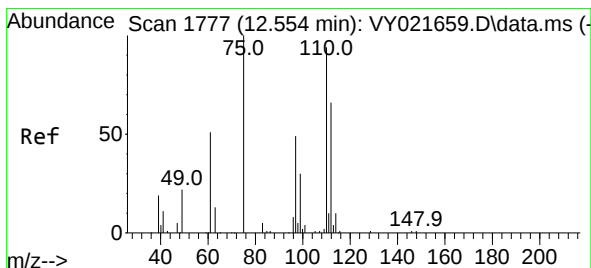
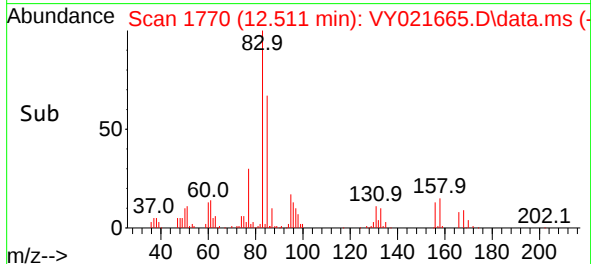
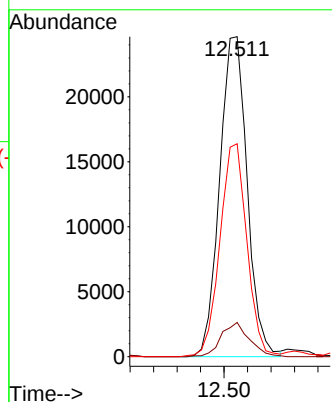
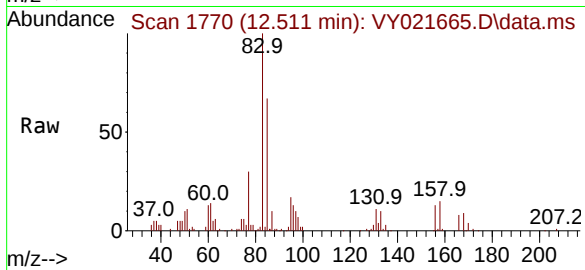
Tgt Ion: 83 Resp: 40161

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 34.493 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY021665.D

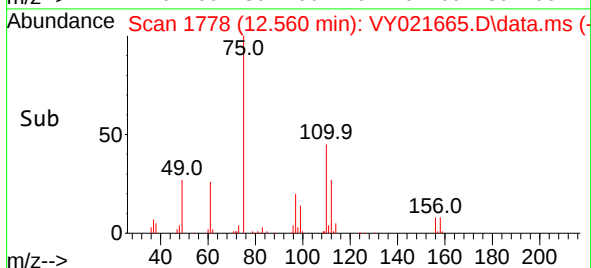
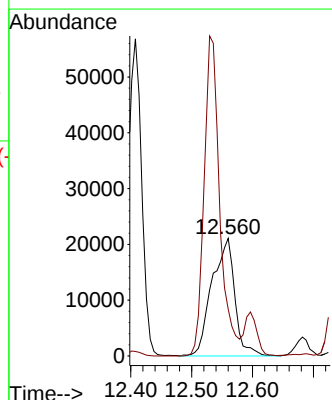
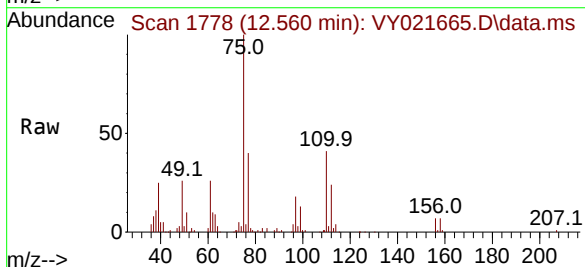
Acq: 27 Mar 2025 14:38

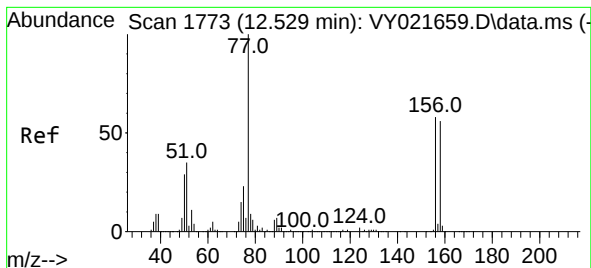
Tgt Ion: 75 Resp: 55125

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.375 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

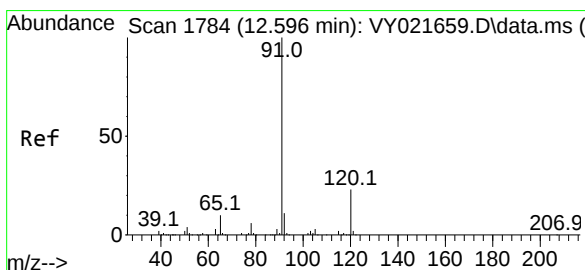
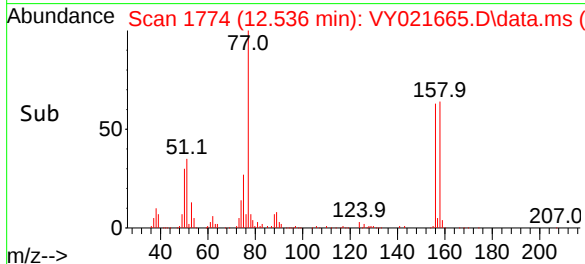
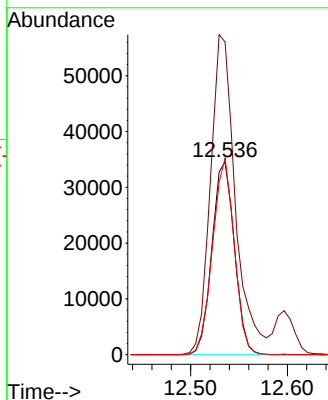
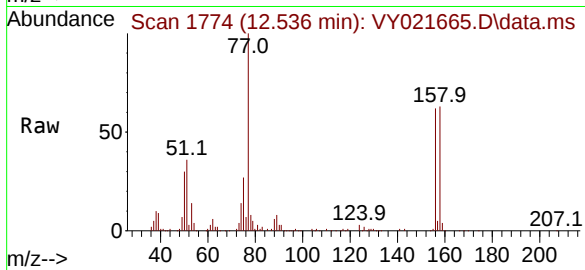
Tgt Ion:156 Resp: 55705

Ion Ratio Lower Upper

156 100

77 184.2 92.8 278.3

158 98.3 48.5 145.6



#78

n-propylbenzene

Concen: 19.718 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021665.D

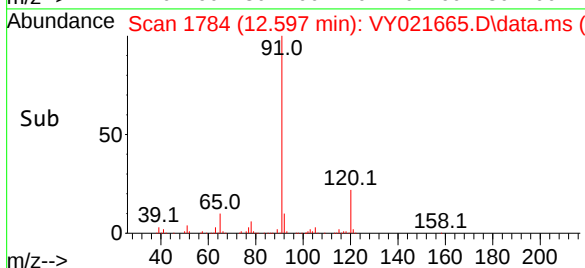
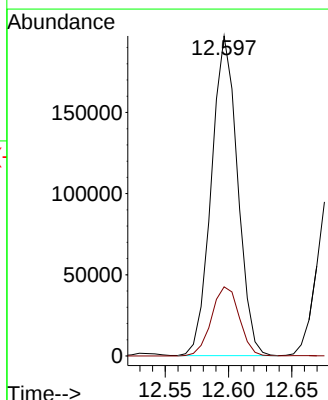
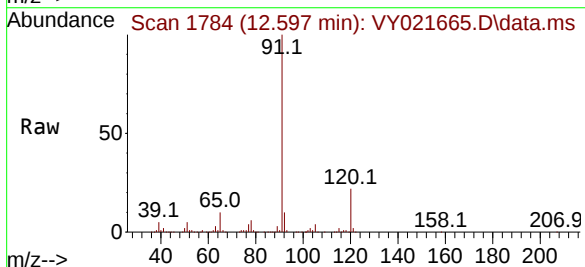
Acq: 27 Mar 2025 14:38

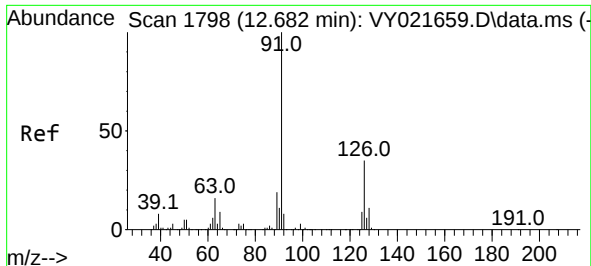
Tgt Ion: 91 Resp: 283866

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.651 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

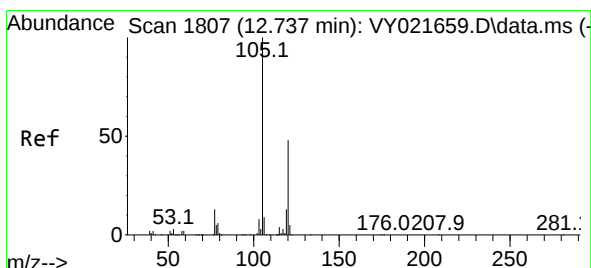
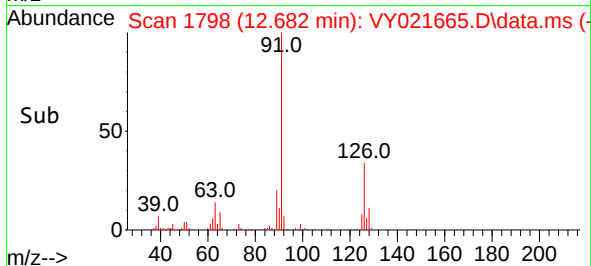
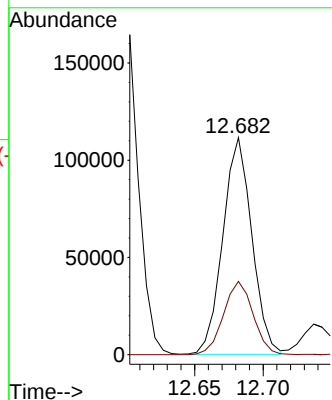
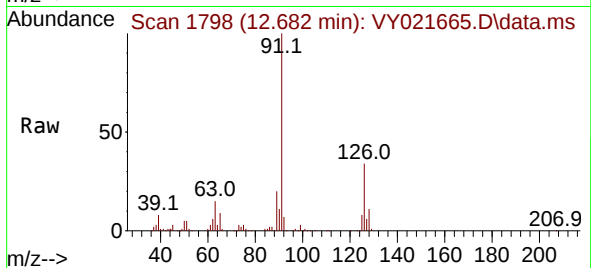
VY0327SBS01

Tgt Ion: 91 Resp: 164322

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 19.712 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021665.D

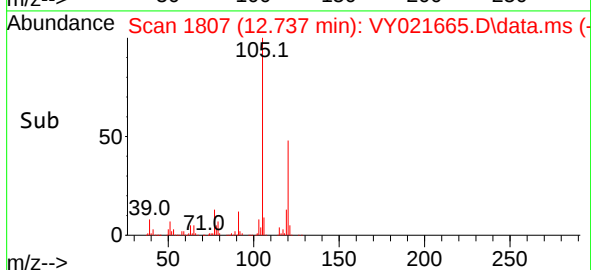
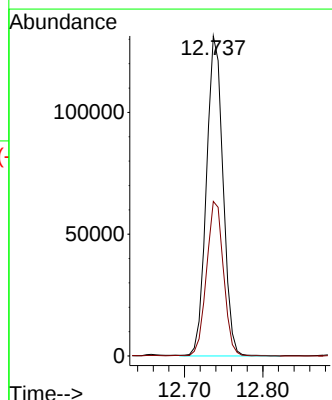
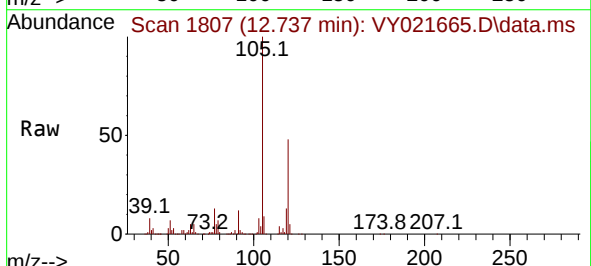
Acq: 27 Mar 2025 14:38

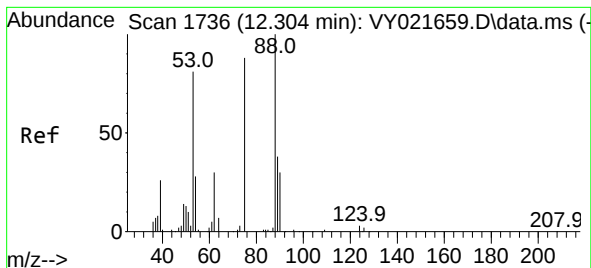
Tgt Ion:105 Resp: 192925

Ion Ratio Lower Upper

105 100

120 49.4 24.5 73.5

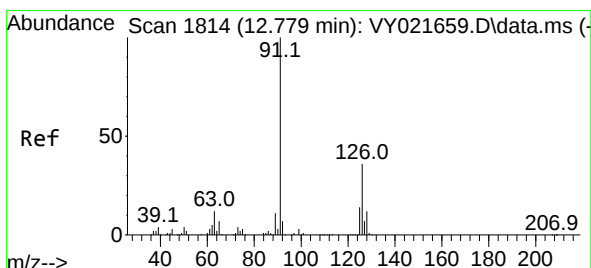
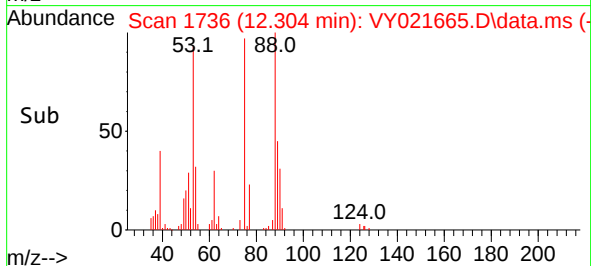
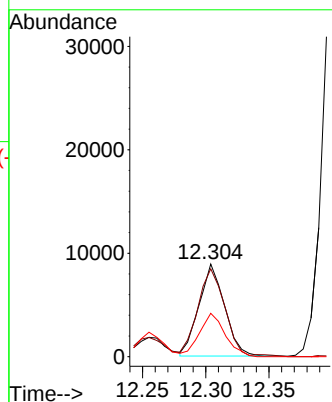
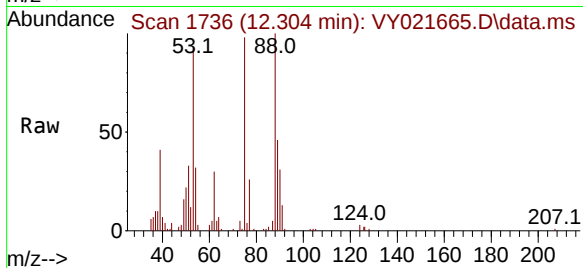




#81
trans-1,4-Dichloro-2-butene
Concen: 18.064 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

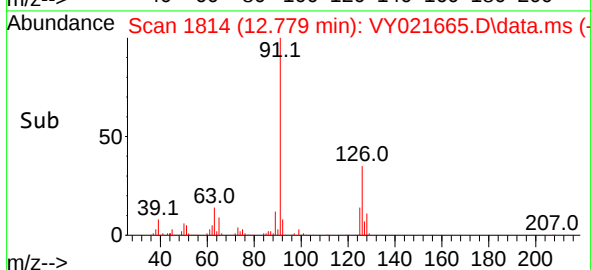
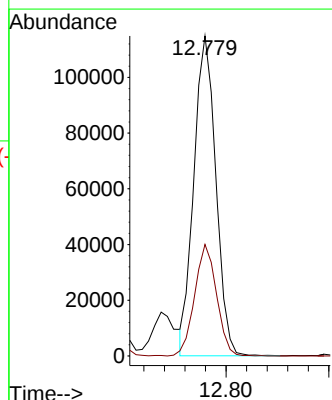
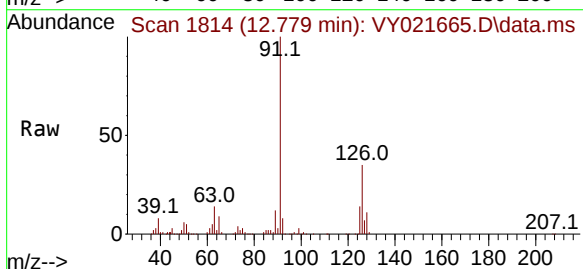
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

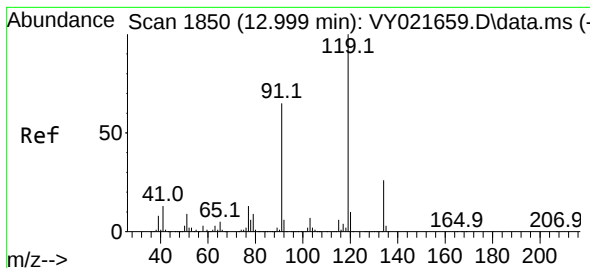
Tgt Ion: 75 Resp: 12529
Ion Ratio Lower Upper
75 100
53 101.8 76.1 114.1
89 47.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.589 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 91 Resp: 170770
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.226 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

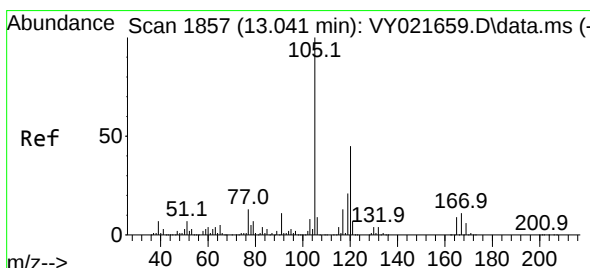
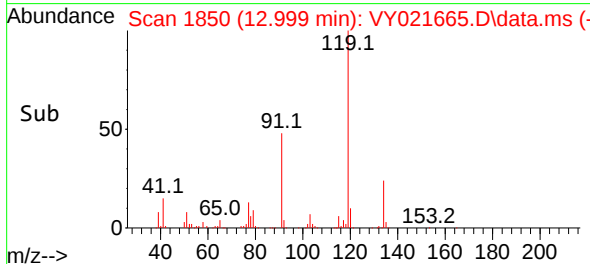
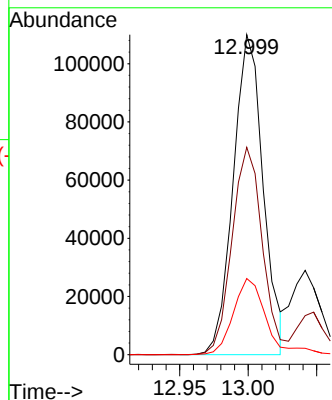
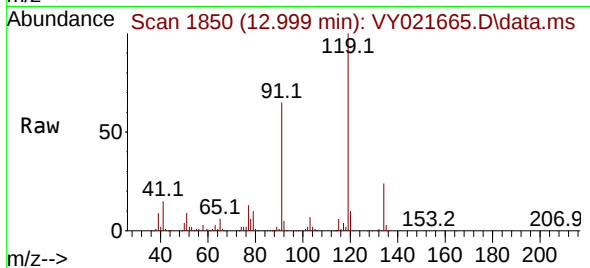
Tgt Ion:119 Resp: 167601

Ion Ratio Lower Upper

119 100

91 65.8 32.6 97.7

134 26.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.130 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021665.D

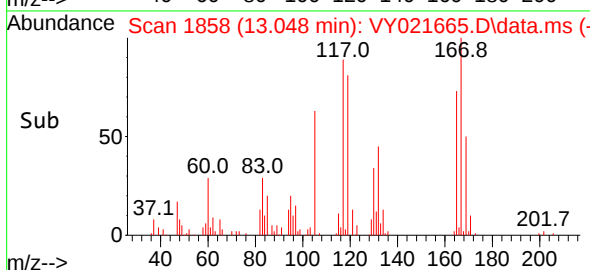
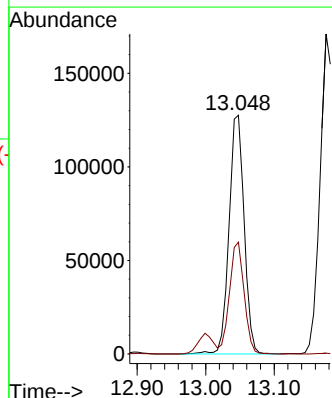
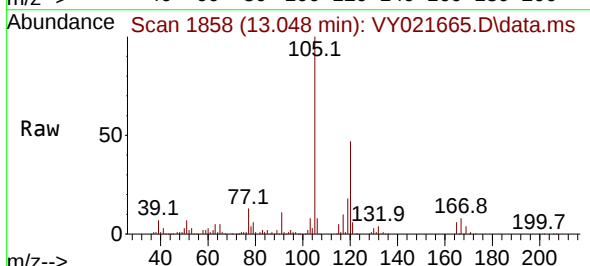
Acq: 27 Mar 2025 14:38

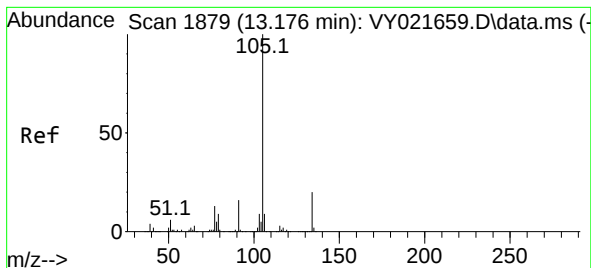
Tgt Ion:105 Resp: 194718

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.632 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

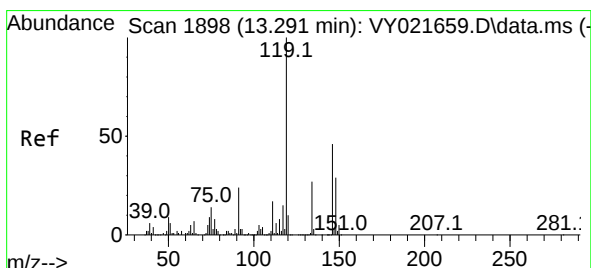
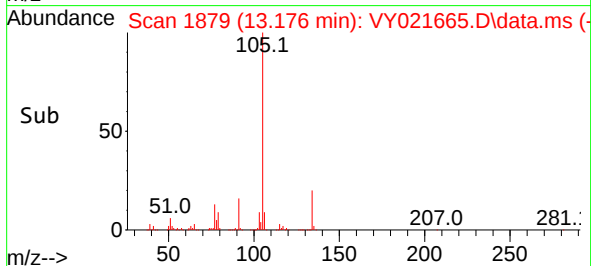
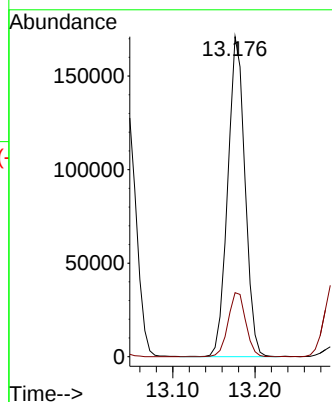
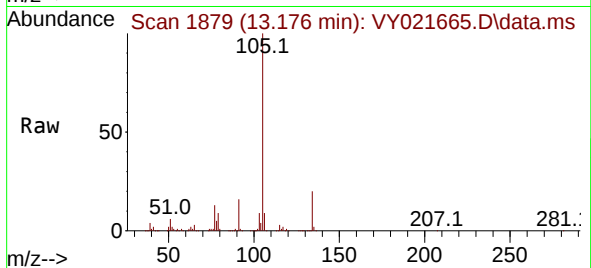
VY0327SBS01

Tgt Ion:105 Resp: 250102

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.675 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

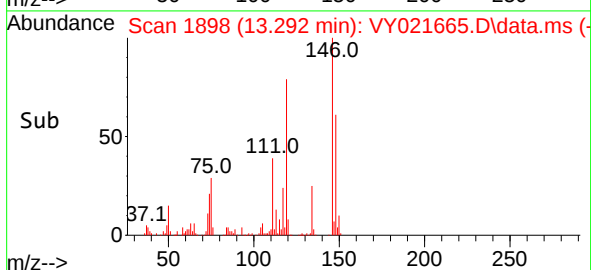
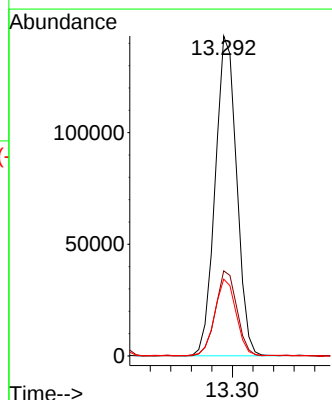
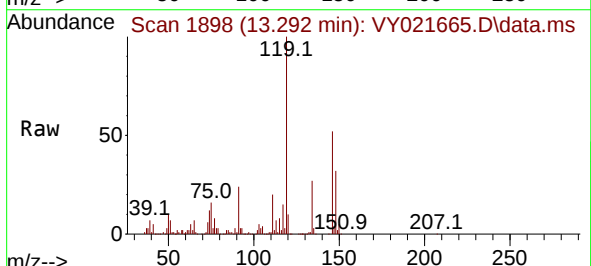
Tgt Ion:119 Resp: 207156

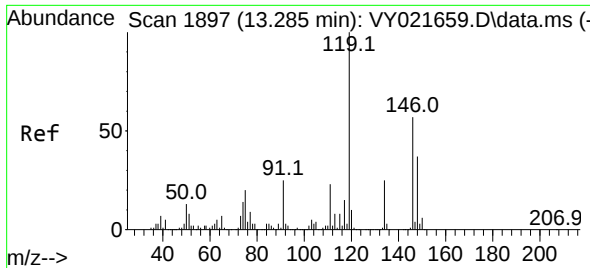
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 23.9 12.0 36.0

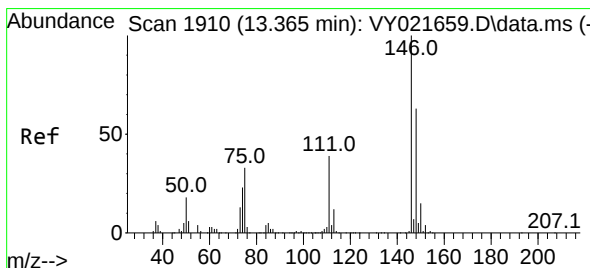
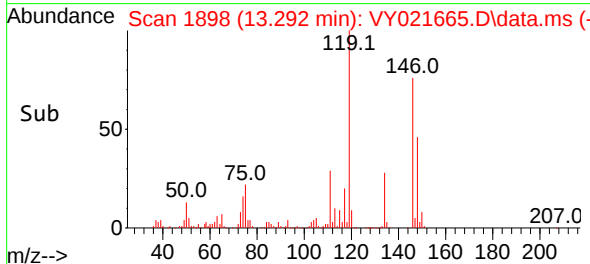
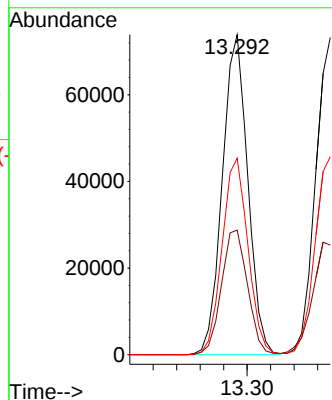
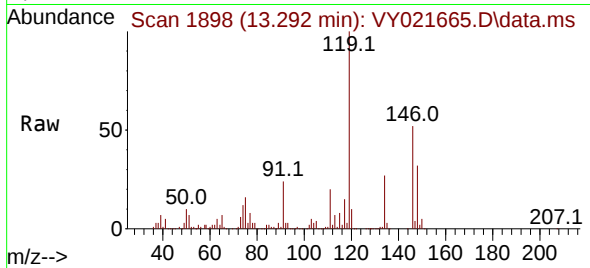




#87
1,3-Dichlorobenzene
Concen: 19.627 ug/l
RT: 13.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

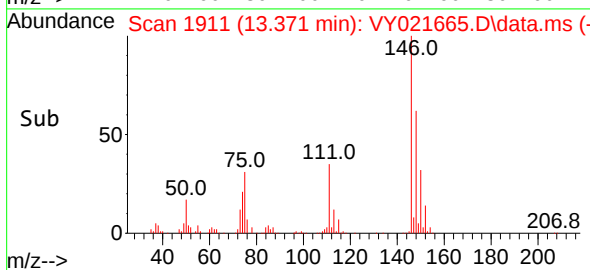
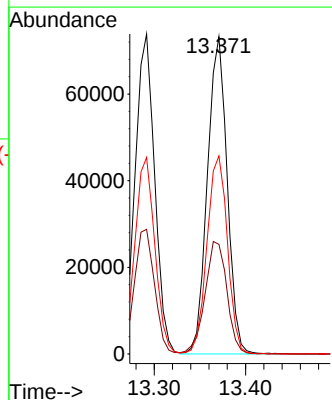
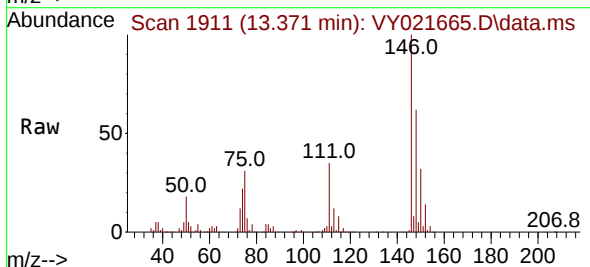
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

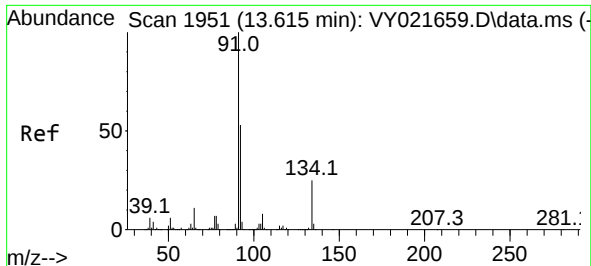
Tgt Ion:146 Resp: 111179
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 62.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.640 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion:146 Resp: 109917
Ion Ratio Lower Upper
146 100
111 39.4 19.1 57.1
148 64.8 31.5 94.5





#89

n-Butylbenzene

Concen: 19.485 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

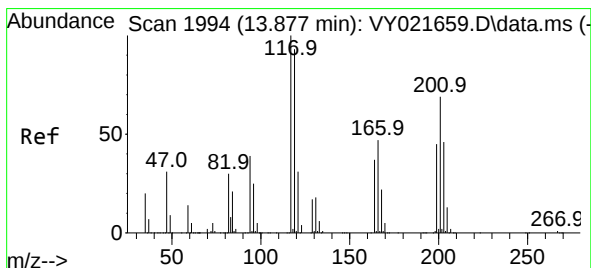
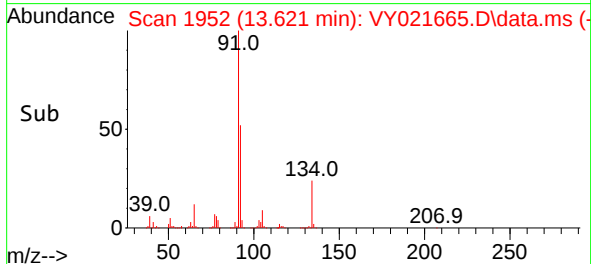
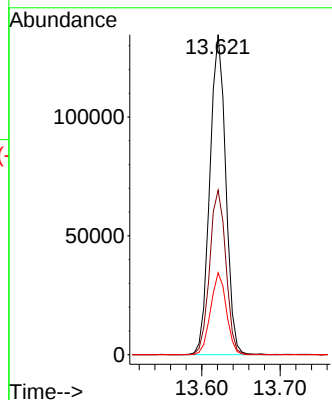
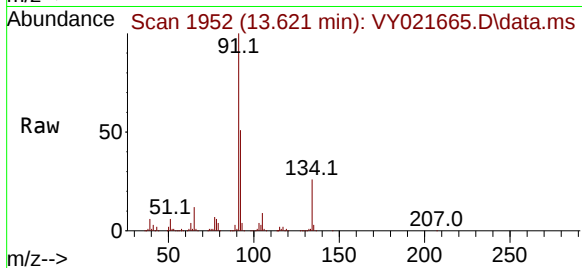
Tgt Ion: 91 Resp: 189738

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 25.3 12.8 38.4



#90

Hexachloroethane

Concen: 18.964 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021665.D

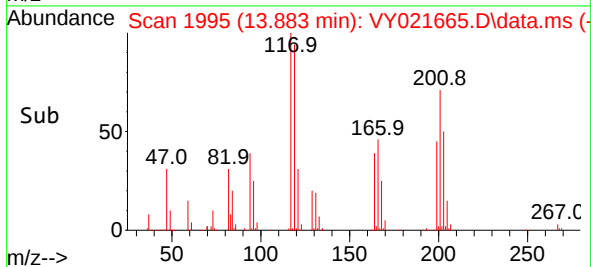
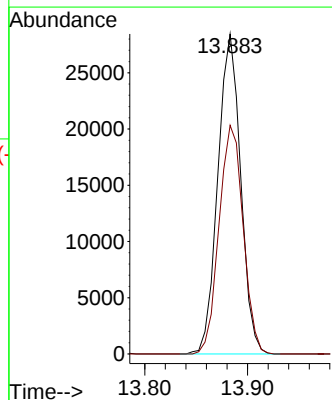
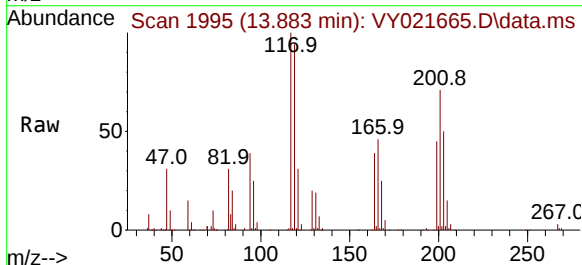
Acq: 27 Mar 2025 14:38

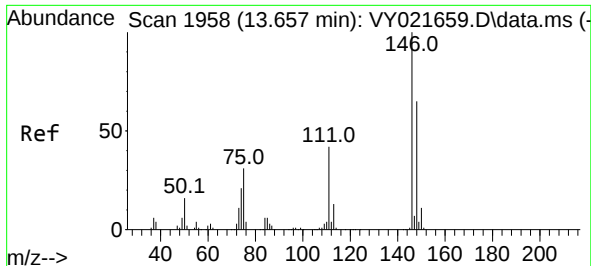
Tgt Ion: 117 Resp: 43757

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.1

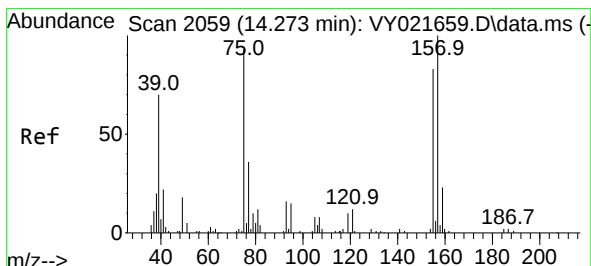
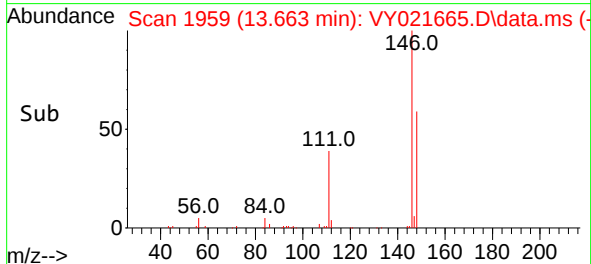
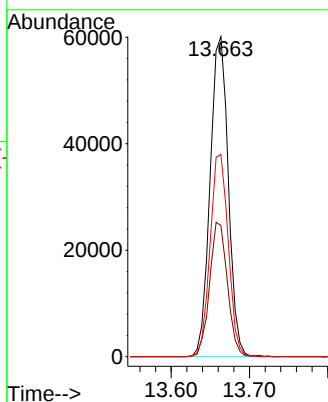
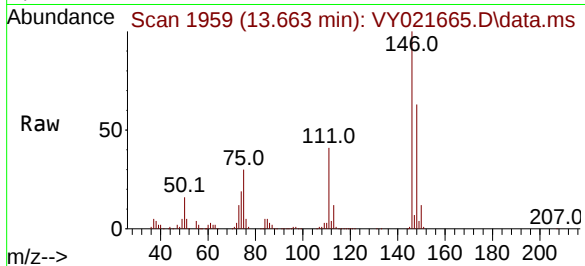




#91
1,2-Dichlorobenzene
Concen: 19.649 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

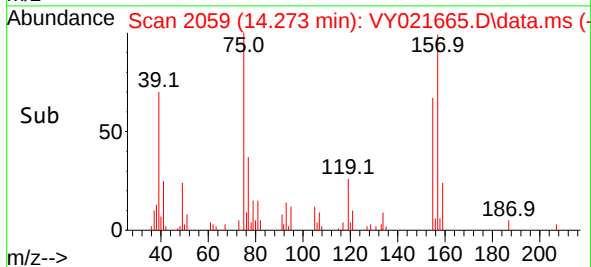
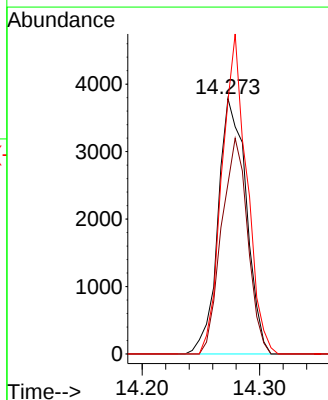
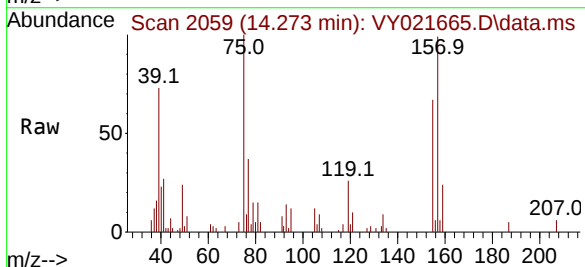
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

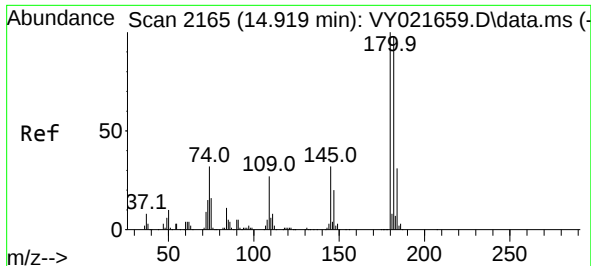
Tgt Ion:146 Resp: 96893
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 63.2 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.916 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 75 Resp: 6312
Ion Ratio Lower Upper
75 100
155 77.9 43.0 128.8
157 110.2 54.0 162.0

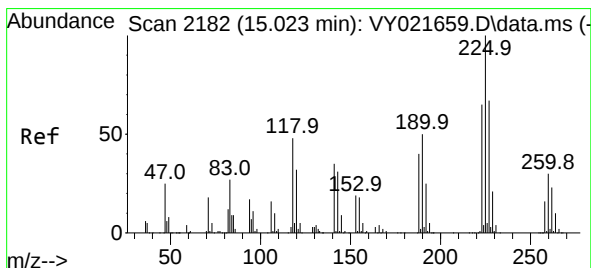
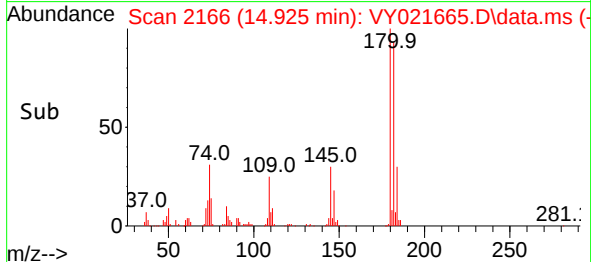
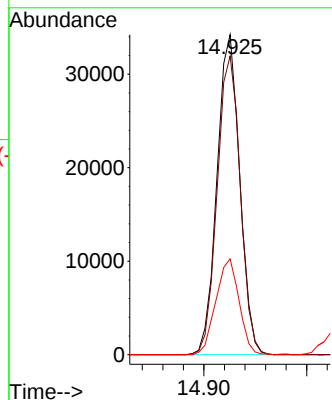
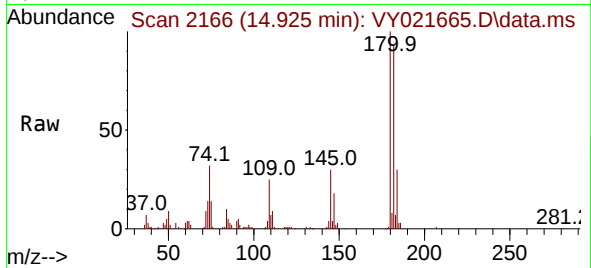




#93
1,2,4-Trichlorobenzene
Concen: 19.599 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

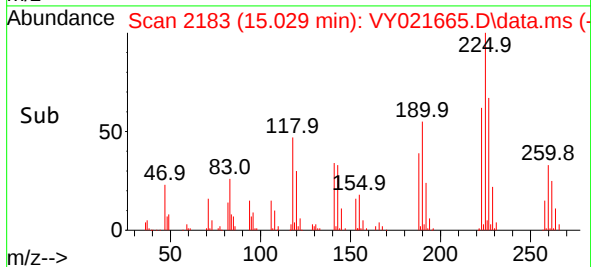
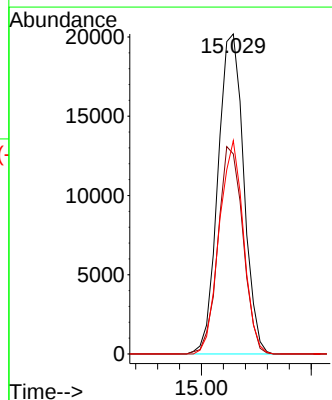
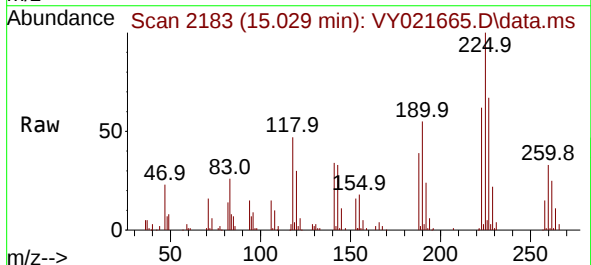
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBS01

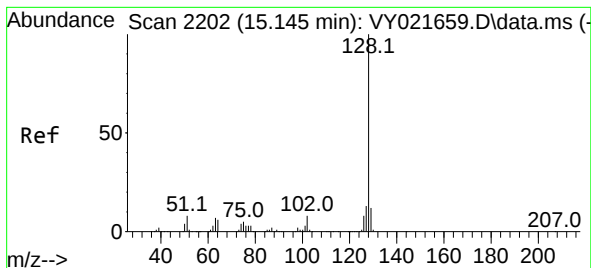
Tgt Ion:180 Resp: 52410
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 30.6 14.9 44.9



#94
Hexachlorobutadiene
Concen: 19.727 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021665.D
Acq: 27 Mar 2025 14:38

Tgt Ion:225 Resp: 32946
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.7
227 62.8 32.4 97.0





#95

Naphthalene

Concen: 18.791 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBS01

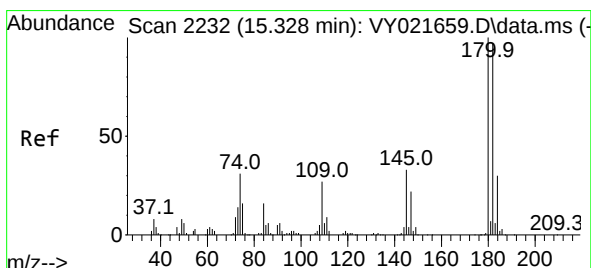
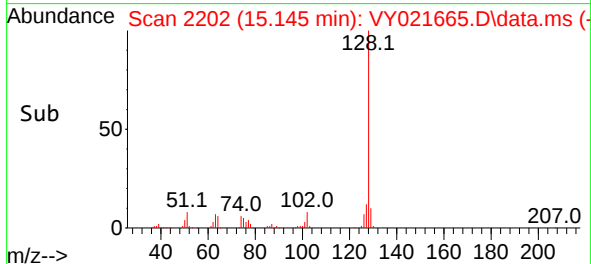
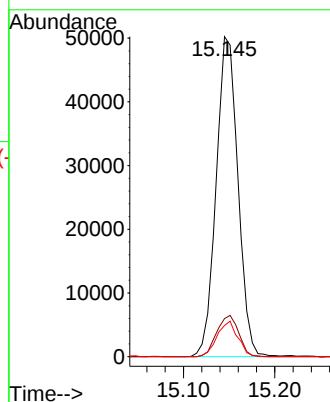
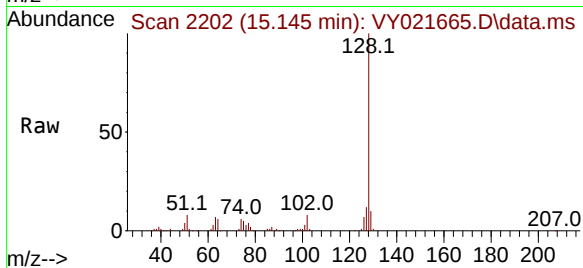
Tgt Ion:128 Resp: 83288

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.347 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021665.D

Acq: 27 Mar 2025 14:38

Tgt Ion:180 Resp: 44118

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.5

145 32.6 15.9 47.7

